

<b>104</b> Zinc white Zinckwit Blanc de zinc Zinckweiß Blanco de cinc Bianco di zinco	<b>105</b> Titanium white Titaniumweiß Blanc de titane Titanweiß Blanco de titanio Bianco di titanio	<b>289</b> Titanium buff light Buff titane clair Titanbuff hell Buff titanio chiaro Cuoie titanio chiaro	<b>290</b> Titanium buff deep Buff titane foncé Titanbuff dunkel Buff titanio scuro Cuoie titanio scuro	<b>222</b> Naples yellow light Jaune de naples clair Neapelgelb hell Amarillo nápoles claro Giallo di napoli chiaro	<b>282</b> Naples yellow green Jaune de naples vert Neapelgelb grün Amarillo nápoles verde Giallo di napoli verdastro	<b>223</b> Naples yellow deep Jaune de naples foncé Neapelgelb dunkel Amarillo nápoles oscuro Giallo di napoli scuro	<b>292</b> Naples yellow red light Jaune de naples rouge clair Neapelgelb rot hell Amarillo nápoles rojo claro Giallo di napoli rossoastro chiaro	<b>224</b> Naples Yellow Red Jaune de naples rouge Neapelgelb Rot Amarillo nápoles rojo Giallo di Napoli Rossastro	<b>217</b> Permanent lemon yellow light Permanentcitrongeel licht Jaune citron permanent clair Permanentzitronengelb hell Amarillo limón permanente claro Giallo limone permanente chiaro
<b>274</b> Nickel titanium yellow Nikkeltitangeel Jaune titane nickel Nikkeltitangelb Amarillo níquel titanio Giallo di nickel-titanio	<b>243</b> Greenish yellow Grüingelb Jaune verdâtre Grüingelb Amarillo verdeo Giallo verdastro	<b>267</b> Azo yellow Lemon azogelb Jaune azo citron Azogelb zitron Amarillo azo limón Giallo limone azo	<b>275</b> Primary yellow Primargeel Jaune primaire Primärgelb Amarillo primario Giallo primario	<b>266</b> Azo yellow light Azogelb licht Jaune azo clair Azogelb hell Amarillo azo claro Giallo chiaro azo	<b>272</b> Transparent yellow medium Transparentgeel middel Jaune transparent moyen Transparentgelb mittel Amarillo trasparente medio Giallo trasparente medio	<b>269</b> Azo yellow medium Azogelb middel Jaune azo moyen Azogelb mittel Amarillo azo medio Giallo medio azo	<b>270</b> Azo yellow deep Azogelb donker Jaune azo foncé Azogelb dunkel Amarillo azo oscuro Giallo scuro azo	<b>253</b> Gold yellow Goudegelb Jaune d'or Goldgelb Amarillo oro Giallo oro	<b>276</b> Azo orange Orange azo Azo-orange Anaranjado azo Arancio azo
<b>311</b> Vermilion Vermiljoen Vermillon Bermiljoen Vermiglione	<b>398</b> Naphthol red light Naftolrood licht Rouge naphthol clair Naphtholrot hell Rouge naftol clair Rosso chiaro naftolo	<b>396</b> Naphthol red medium Naftolrood middel Rouge naphthol moyen Naphtholrot mittel Rouge naftol medio Rosso medio naftolo	<b>317</b> Transparent red medium Transparantrood middel Rouge transparent moyen Naphtholrot mittel Rouge transparente medio Rosso trasparente medio	<b>315</b> Pyrrole Red Pyrroloerood Rouge Pyrrole Pyrroliot Rouge pyrrole Rosso pyrrole	<b>399</b> Naphthol red deep Naftolrood donker Rouge naphthol foncé Naphtholrot dunkel Rouge naftol oscuro Rosso naftolo scuro	<b>318</b> Carmine Karmijn Carmin Karmín Carmín	<b>369</b> Primary magenta Primärmagenta Magenta primaire Primärmagenta Rosso primario magenta	<b>348</b> Permanent red purple Permanentrood purpur Rouge permanent pourpre Permanentrood purpur Rosso permanente porpora	<b>366</b> Quinacridone rose Quinacridonrose Rose quinacridone Chinacridonrosa Rosa quinacridona Rosa quinacridone
<b>316</b> Venetian rose Venetiãnzooze Rose de venise Venezianischrosa Rosa venecia Rosa di venecia	<b>330</b> Persian rose Perzischroze Rose persique Perisichrosa Rosa de persia Rosa di persia	<b>361</b> Light rose Lichtroze Rose clair Heliosrosa Rosa claro Rosa chiaro	<b>385</b> Quinacridone rose light Quinacridonroze licht Rose quinacridone clair Chinacridonrosa hell Rosa quinacridona claro Rosa quinacridone chiaro	<b>577</b> Permanent red violet light Permanentroodviolet licht Violet rouge permanent clair Ultramarinroze hell Violeta rojo permanente claro Viola rossoastro permanente chiaro	<b>567</b> Permanent red violet Permanentroodviolet Violet rouge permanent Ultramarinroze Violeta rojo permanente Viola rossoastro permanente	<b>344</b> Caput mortuum violet Caput mortuum violet Tête morte violette Ultramarinviolet Caput mortuum violeta	<b>568</b> Permanent blue violet Permanentblauviolet Violet bleuâtre permanent Ultramarinblauviolet Violeta azulado permanente Violetto permanente bluastrato	<b>507</b> Ultramarine violet Ultramarinroze Outremere violet Ultramarinviolet Azul ultramar violeta Violetto oltremare	<b>519</b> Ultramarine violet light Ultramarinroze licht Outremere violet clair Ultramarinviolet hell Azul ultramar violeta claro Blu oltremare viola chiaro
<b>556</b> Lila Lila Lilas Lila Lila	<b>505</b> Ultramarine light Ultramarin licht Outremere clair Ultramarin hell Azul ultramar claro Blu oltremare chiaro	<b>562</b> Greyish blue Grijsblauw Bleu grisâtre Ultramarin Azul grisáceo Blu grigio	<b>504</b> Ultramarine Ultramarin Outremere Ultramarin Azul ultramar Oltremare	<b>512</b> Cobalt blue (ultramarine) Kobaltblauw (ultramarin) Bleu de cobalt (outremere) Kobaltblau (ultramarin) Azul cobalto (ultramar) Blu di cobalto (oltremare)	<b>572</b> Primary cyan Primaicyaan Cyan primaire Primärcyan Cian primario Blu primario cyan	<b>570</b> Phthalo blue Phtaloblaauw Bleu phtalo Phtaloblaauw Azul ftalo	<b>582</b> Manganese blue phthalo Mangaanblauw phtalo Bleu mangèse phtalo Mangaanblau phtalo Azul manganese ftalo Blu di manganese ftalo	<b>517</b> King's blue Koningsblauw Bleu royal Koningsblau Azul real Blu reale	<b>564</b> Brilliant blue Brijlantblauw Bleu brillant Brijlantblau Azul brillante Blu brillante
<b>551</b> Sky blue light Hemelsblauw licht Bleu céleste clair Himmelsblau hell Azul celeste claro Celeste chiaro	<b>566</b> Prussian blue (phthalo) Preussischblau (phtalo) Bleu de prusse (phtalo) Preussischblau (phtalo) Azul de prusia (ftalo) Blu dipPrussia (ftalo)	<b>557</b> Greenish blue Groenblauw Vert verdâtre Grünblau Azul verdoso Blu verde	<b>522</b> Turquoise blue Turkooisblauw Bleu turquoise Türkisblau Azul turquesa Blu turchese	<b>660</b> Turquoise green light Turkooisgroen licht Vert turquoise clair Türkisgrün hell Verde turquesa claro Blu turchese chiaro	<b>661</b> Turquoise green Turkooisgroen Vert turquoise Türkisgrün Verde turquesa Blu turchese	<b>664</b> Yellowish green light Gelbgrün licht Vert jaunâtre clair Gelbgrün hell Verde amarillento claro Verde giallastro	<b>617</b> Yellowish green Gelbgrün Vert jaunâtre Gelbgrün Verde amarillento Verde giallastro	<b>605</b> Brilliant green Brijlantgroen Vert brillant Brijlantgrün Verde brillante Verde brillante	<b>618</b> Permanent green light Permanentgroen licht Vert permanent clair Permanentgrün hell Verde permanente claro Verde permanente chiaro
<b>615</b> Emerald green Paul veronesegroen Vert paul veronèse Paul veronesegrün Verde paolo veronès Verde paolo veronese	<b>619</b> Permanent green deep Permanentgroen donker Vert permanent foncé Permanentgrün dunkel Verde permanente oscuro Verde permanente scuro	<b>675</b> Phthalo green Phtalogroen Vert de phtalo Phtalogrün Verde ftalo Verde ftalo	<b>621</b> Olive green light Olijfgroen licht Vert olive clair Olivgrün hell Verde oliva claro Verde oliva chiaro	<b>622</b> Olive green deep Olijfgroen donker Vert olive foncé Olivgrün dunkel Verde oliva oscuro Verde oliva scuro	<b>623</b> Sap green Sapgroen Vert de vessie Saffgrün Verde vejiga Verde vesica	<b>227</b> Yellow ochre Gele oker Ocre jaune Gelber ocker Ocre amarillo Ocre gialla	<b>231</b> Gold ochre Goudoker Ocre d'or Goldocker Ocre oro Ocre d'oro	<b>234</b> Raw sienna Sienna naturelle Terre de Sienna naturelle Sienna natur Tierra de sienna natural Terre di sienna naturale	<b>411</b> Burnt sienna Sienna gebrand Terre de sienna brûlée Sienna gebrannt Tierra de sienna tostada Terre di sienna bruciata
<b>408</b> Raw umber Omber naturel Terre d'ombre naturelle Umber natur Tierra sombra natural Terre d'ombra naturale	<b>409</b> Burnt umber Donkergebruin Terre d'ombre brûlée Umber gebrand Tierra sombra tostada Terre d'ombra bruciata	<b>403</b> Vandyke brown Van dyckbruin Brun van dyck Vandyckbruin Pardo van dyck Bruno van dyck	<b>718</b> Warm grey Warmgrīs Gris chaud Warmgrau Gris cálido Grigio caldo	<b>750</b> Bluish grey light Blauwgrīs licht Gris bleuâtre clair Blaugrau hell Gris azulado claro Grigio bluastrato chi	<b>710</b> Neutral grey Neutraalgrīs Gris neutre Neutragrau Gris neutro Grigio neutro	<b>708</b> Payne's grey Paynesgrīs Gris de payne Paynesgrau Gris payne Grigio di payne	<b>702</b> Lamp black Lampenzwart Noir de bougie Lampenschwarz Negro bujía Nero umo	<b>725</b> Oxide black Oxydzwart Noir oxyde Oxidenschwarz Negro óxido Nero ossido	<b>800</b> Silver Zilver Argent Silver Plata Argento
<b>802</b> Light gold Lichtgoud Or clair Reichgold Oro claro Oro chiaro	<b>803</b> Deep gold Donkergeel Or foncé Goldfarbe Oro oscuro Oro scuro	<b>805</b> Copper Koper Cuivre Kupfer Cobre Rame	<b>811</b> Bronze Bronz Bronze Bronze Bronze	<b>815</b> Powder Tin Etain Zinn Estafío Peltro	<b>840</b> Graphite Grafiet Graphit Grafite Grafite	<b>831</b> Metallic yellow Metallicgeel Jaune métallique Metallicgelb Amarillo metálico Giallo metallizzato	<b>832</b> Metallic red Metallicrood Rouge métallique Metallicrot Rosso metálico Rosso metallizzato	<b>835</b> Metallic violet Metallicviolet Violet métallique Metallicviolet Violeta metálico Viola metallizzato	<b>834</b> Metallic blue Metallicblauw Bleu métallique Metallicblau Azul metálico Blu metallizzato
<b>836</b> Metallic green Metallicgrün Vert métallique Metallicgrün Verde metalizzato	<b>850</b> Metallic black Metalliczwart Noir métallique Metallicschwarz Negro metálico Nero metallizzato	<b>817</b> Pearl white Pareelwit Blanc de perle Perleweiß Bianco perla Bianco perla	<b>818</b> Pearl yellow Pareelgeel Jaune de perle Perleweiß Amarillo perla Giallo perla	<b>819</b> Pearl red Pareelrood Rouge de perle Perlot Rouge perla Rosso perla	<b>820</b> Pearl blue Pareelblauw Bleu de perle Perleblau Azul perla Blu perla	<b>821</b> Pearl violet Pareelviolet Violet de perle Perleviolet Violeta perla Violeta perla	<b>822</b> Pearl green Pareelgrün Vert de perle Perlgrün Verde perla Verde perla	<b>256</b> Reflex yellow Reflexgeel Jaune reflex Reflexgelb Amarillo reflex Giallo reflex	<b>257</b> Reflex orange Reflexoranje Orange reflex Reflexorange Anaranjado reflex Arancio reflex
<b>384</b> Reflex rose Reflexroze Rose reflex Reflexrosa Rosa reflex Rosa reflex	<b>672</b> Reflex green Reflexgrün Vert reflex Reflexgrün Verde reflex Verde reflex								

## EXPLANATION OF THE SIGNS

### EXAMPLE



Primary yellow  
Primargeel  
Jaune primaire  
Primärgelb  
Amarillo primario  
Giallo primario

**++ 275**

### DEGREE OF LIGHTFASTNESS

- +++ = at least 100 years lightfast under museum conditions (86 colours)
- ++ = 25 - 100 years lightfast under museum conditions (12 colours)
- + = 10 - 25 years lightfast under museum conditions
- 0 = 0 - 10 years lightfast under museum conditions (4 colours)

The lightfastness of all these colours has been tested in accordance with ASTM Standards D4303.

### OPACITY

- ☐ = transparent
- ☒ = semi-transparent
- ☑ = semi-opaque
- = opaque

275 = colour number  
PY3/PY74 = pigments used