

XYZ_w=95.04, 100.0, 108.89

-74 Parameter:
 $L^*_{Clr} & \text{name}$
 $Y_r = Y/18,$
 $L' = L^* - 50$

6 Ostwald colours (o), $C_{AB,2} = \text{const}$
 colour space ($C_{AB,2}, L^*_{Clr}$)
 $L^*_{Clr} = L^*_{Clr}(Y) / L^*_{Clr}(18)$

Illumin. D65, $Y_w = 72.0, Y_r = 4.5$

| Name | Range | X | Y _w | Z | X _N | Y _N | Z _N | λ _c | a ₂ | b ₂ | c ₂ | A ₂ | B ₂ | C _{AB,2} | L _{AB,2} | Y _r | L _{Clr}} [*] | L _{Clr}} [*] | E _{TUV}} [*] | L _{Tar} [*] | |
|------|-------|-----|----------------|-------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------|-------------------|----------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|------|
| R | 567 | 775 | 44.52 | 30.08 | 4.93 | 0.559 | 0.378 | 896 | 489 | 1189 | -0.052 | 0.645 | 43.0 | 22.2 | 48.5 | 27 | 1.67 | 61.7 | 62.3 | 62.7 | 60.9 |
| Y | 493 | 775 | 56.33 | 68.12 | 9.45 | 0.42 | 0.508 | 570 | 463 | 0.61 | -0.004 | 0.304 | -0.9 | 51.7 | 51.7 | 9.1 | 3.78 | 86.0 | 86.9 | 83.0 | 76.8 |
| G | 493 | 567 | 16.08 | 42.53 | 9.42 | 0.236 | 0.625 | 535 | 535 | 202 | -0.077 | 0.498 | -44.0 | 29.5 | 53.0 | 146 | 2.36 | 71.2 | 71.9 | 71.3 | 67.8 |
| C | 380 | 567 | 28.18 | 46.41 | 78.36 | 0.184 | 0.303 | 489 | 596 | 0.244 | -0.54 | 0.418 | -43.0 | -22.2 | 48.5 | 207 | 2.57 | 73.8 | 74.5 | 73.5 | 69.4 |
| B | 380 | 493 | 16.37 | 8.37 | 78.36 | 0.166 | 0.084 | 463 | 570 | 0.066 | -2.82 | 2.472 | 0.9 | -51.7 | 51.7 | 271 | 0.46 | 34.7 | 35.1 | 30.9 | 33.9 |
| M | 567 | 493 | 56.62 | 33.96 | 78.87 | 0.344 | 0.206 | 535 | 535 | 1.134 | -0.696 | 0.624 | 44.0 | -29.5 | 53.0 | 326 | 1.88 | 64.9 | 65.5 | 65.7 | 63.4 |
| W | 380 | 775 | 68.43 | 72.0 | 73.84 | 0.312 | 0.329 | 72% | 0.616 | -0.348 | 0.01 | 0.0 | 0.0 | 0.0 | 0.0 | 47.9 | 88.8 | 84.4 | 76.9 | 76.9 | |
| N | 380 | 775 | 4.27 | 4.5 | 4.9 | 0.312 | 0.329 | 4% | 0.616 | -0.348 | 0.01 | 0.0 | 0.0 | 0.0 | 0.0 | 180 | 25 | 25.2 | 25.5 | 15.5 | 23.0 |
| U | 380 | 775 | 17.1 | 18.0 | 19.6 | 0.312 | 0.329 | 18% | 0.616 | -0.348 | 0.01 | 0.0 | 0.0 | 0.0 | 0.0 | 180 | 10 | 49.5 | 50.0 | 50.0 | 50.0 |

fec71-1a

XYZ_w=96.42, 100.0, 82.49

-74 Parameter:
 $L^*_{Clr} & \text{name}$
 $Y_r = Y/18,$
 $L' = L^* - 50$

6 Ostwald colours (o), $C_{AB,2} = \text{const}$
 colour space ($C_{AB,2}, L^*_{Clr}$)
 $L^*_{Clr} = L^*_{Clr}(Y) / L^*_{Clr}(18)$

Illumin. D50, $Y_w = 72.0, Y_r = 4.5$

| Name | Range | X | Y _w | Z | X _N | Y _N | Z _N | λ _c | a ₂ | b ₂ | c ₂ | A ₂ | B ₂ | C _{AB,2} | L _{AB,2} | Y _r | L _{Clr}} [*] | L _{Clr}} [*] | E _{TUV}} [*] | L _{Tar} [*] | |
|------|-------|-----|----------------|-------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------|-------------------|----------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|------|
| R | 570 | 775 | 48.14 | 31.49 | 3.74 | 0.577 | 0.377 | 598 | 491 | 1.237 | -0.047 | 0.645 | 45.6 | 22.2 | 50.7 | 25 | 1.74 | 62.9 | 63.5 | 63.9 | 61.9 |
| Y | 496 | 775 | 60.43 | 67.97 | 6.59 | 0.447 | 0.503 | 573 | 468 | 0.67 | -0.038 | 0.291 | 2.2 | 49.4 | 49.5 | 87 | 3.77 | 85.9 | 86.8 | 83.0 | 76.0 |
| G | 496 | 570 | 16.63 | 40.99 | 6.55 | 0.259 | 0.638 | 538 | 538 | 235 | -0.064 | 0.5 | -43.4 | 27.2 | 51.2 | 147 | 2.72 | 70.1 | 70.8 | 70.4 | 67.1 |
| C | 380 | 570 | 25.62 | 45.0 | 59.36 | 0.197 | 0.346 | 491 | 598 | 251 | -0.527 | 0.451 | -45.6 | -22.2 | 50.7 | 205 | 2.5 | 72.8 | 73.6 | 72.7 | 68.9 |
| B | 380 | 496 | 13.32 | 8.52 | 56.52 | 0.17 | 0.108 | 468 | 573 | 0.552 | -2.65 | 2.325 | -2.2 | -49.4 | 49.5 | 267 | 0.47 | 35.0 | 35.4 | 31.4 | 34.3 |
| M | 570 | 496 | 57.13 | 35.52 | 56.55 | 0.382 | 0.238 | 538 | 538 | 1.146 | -0.636 | 0.577 | 43.4 | -27.2 | 51.2 | 327 | 1.97 | 66.1 | 66.8 | 66.8 | 64.3 |
| W | 380 | 775 | 69.42 | 72.0 | 59.39 | 0.345 | 0.358 | 72% | 0.657 | -0.329 | 0.01 | 0.0 | 0.0 | 0.0 | 0.0 | 47.9 | 88.8 | 84.4 | 76.9 | 76.9 | |
| N | 380 | 775 | 4.33 | 4.5 | 3.71 | 0.345 | 0.358 | 4% | 0.657 | -0.329 | 0.01 | 0.0 | 0.0 | 0.0 | 0.0 | 180 | 25 | 25.2 | 25.5 | 15.5 | 23.0 |
| U | 380 | 775 | 17.35 | 18.0 | 14.84 | 0.345 | 0.358 | 18% | 0.657 | -0.329 | 0.01 | 0.0 | 0.0 | 0.0 | 0.0 | 192 | 10 | 49.5 | 50.0 | 50.0 | 50.0 |

fec71-2a

XYZ_w=100.93, 100.0, 64.68

-74 Parameter:
 $L^*_{Clr} & \text{name}$
 $Y_r = Y/18,$
 $L' = L^* - 50$

6 Ostwald colours (o), $C_{AB,2} = \text{const}$
 colour space ($C_{AB,2}, L^*_{Clr}$)
 $L^*_{Clr} = L^*_{Clr}(Y) / L^*_{Clr}(18)$

Illumin. P40, $Y_w = 72.0, Y_r = 4.5$

| Name | Range | X | Y _w | Z | X _N | Y _N | Z _N | λ _c | a ₂ | b ₂ | c ₂ | A ₂ | B ₂ | C _{AB,2} | L _{AB,2} | Y _r | L _{Clr}} [*] | L _{Clr}} [*] | E _{TUV}} [*] | L _{Tar} [*] | |
|------|-------|-----|----------------|-------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------|-------------------|----------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|------|
| R | 573 | 775 | 51.92 | 32.27 | 2.94 | 0.595 | 0.37 | 600 | 493 | 1.311 | -0.047 | 0.661 | 47.9 | 23.3 | 53.3 | 25 | 1.79 | 63.5 | 64.2 | 64.5 | 62.4 |
| Y | 498 | 775 | 65.68 | 68.85 | 5.65 | 0.468 | 0.491 | 576 | 468 | 0.729 | -0.042 | 0.294 | 2.2 | 50.5 | 50.6 | 87 | 3.82 | 86.4 | 87.3 | 83.3 | 76.2 |
| G | 498 | 573 | 18.3 | 41.08 | 5.62 | 0.281 | 0.631 | 540 | 540 | 271 | -0.071 | 0.518 | -45.7 | 27.2 | 53.2 | 149 | 2.28 | 70.0 | 70.9 | 70.5 | 67.1 |
| C | 380 | 573 | 25.29 | 44.22 | 46.54 | 0.217 | 0.381 | 493 | 600 | 0.283 | -0.547 | 0.482 | -47.9 | -23.3 | 53.3 | 205 | 2.45 | 72.3 | 73.1 | 72.3 | 68.5 |
| B | 380 | 498 | 11.52 | 7.64 | 43.83 | 0.182 | 0.121 | 468 | 576 | 0.601 | -2.983 | 2.649 | -2.2 | -50.5 | 50.6 | 267 | 0.42 | 33.2 | 33.5 | 28.7 | 32.2 |
| M | 573 | 498 | 58.59 | 35.41 | 43.86 | 0.426 | 0.256 | 540 | 540 | 1.234 | -0.644 | 0.601 | 45.7 | -27.2 | 53.2 | 329 | 1.96 | 66.0 | 66.7 | 66.8 | 64.2 |
| W | 380 | 775 | 72.67 | 72.0 | 46.57 | 0.379 | 0.376 | 72% | 0.717 | -0.336 | 0.01 | 0.0 | 0.0 | 0.0 | 0.0 | 47.9 | 88.8 | 84.4 | 76.9 | 76.9 | |
| N | 380 | 775 | 4.54 | 4.5 | 2.91 | 0.379 | 0.376 | 4% | 0.717 | -0.336 | 0.01 | 0.0 | 0.0 | 0.0 | 0.0 | 180 | 25 | 25.2 | 25.5 | 15.5 | 23.0 |
| U | 380 | 775 | 18.16 | 18.0 | 11.64 | 0.379 | 0.376 | 18% | 0.717 | -0.336 | 0.01 | 0.0 | 0.0 | 0.0 | 0.0 | 180 | 10 | 49.5 | 50.0 | 50.0 | 50.0 |

fec71-3a

XYZ_w=109.84, 99.99, 35.58

-74 Parameter:
 $L^*_{Clr} & \text{name}$
 $Y_r = Y/18,$
 $L' = L^* - 50$

6 Ostwald colours (o), $C_{AB,2} = \text{const}$
 colour space ($C_{AB,2}, L^*_{Clr}$)
 $L^*_{Clr} = L^*_{Clr}(Y) / L^*_{Clr}(18)$

Illumin. A00, $Y_w = 72.0, Y_r = 4.5$

| Name | Range | X | Y _w | Z | X _N | Y _N | Z _N | λ _c | a ₂ | b ₂ | c ₂ | A ₂ | B ₂ | C _{AB,2} | L _{AB,2} | Y _r | L _{Clr}} [*] | L _{Clr}} [*] | E _{TUV}} [*] | L _{Tar} [*] | |
|------|-------|-----|----------------|-------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------------------|-------------------|----------------|--------------------------------|--------------------------------|--------------------------------|-------------------------------|------|
| R | 579 | 775 | 58.86 | 33.53 | 1.62 | 0.626 | 0.356 | 605 | 499 | 1.446 | -0.048 | 0.69 | 51.8 | 25.7 | 57.8 | 26 | 1.86 | 64.5 | 65.2 | 65.4 | 63.1 |
| Y | 504 | 775 | 75.46 | 69.28 | 3.17 | 0.51 | 0.468 | 581 | 474 | 0.854 | -0.045 | 0.311 | 4.4 | 53.6 | 53.8 | 85 | 3.84 | 86.6 | 87.5 | 83.4 | 76.3 |
| G | 504 | 579 | 21.53 | 40.25 | 3.15 | 0.31 | 0.619 | 547 | 547 | 357 | -0.078 | 0.546 | -47.3 | 27.9 | 54.9 | 149 | 2.28 | 69.6 | 70.0 | 70.0 | 66.7 |
| C | 380 | 579 | 25.17 | 42.96 | 25.99 | 0.268 | 0.458 | 499 | 605 | 0.345 | -0.595 | 0.539 | -51.8 | -25.7 | 57.8 | 206 | 2.38 | 71.5 | 72.2 | 71.6 | 68.0 |
| B | 380 | 504 | 8.57 | 7.21 | 24.04 | 0.215 | 0.181 | 474 | 581 | 0.581 | -3.322 | 2.986 | -4.4 | -53.6 | 53.8 | 265 | 0.4 | 32.2 | 32.6 | 27.2 | 31.1 |
| M | 579 | 504 | 62.49 | 36.24 | 24.07 | 0.508 | 0.295 | 547 | 547 | 1.351 | -0.664 | 0.606 | 47.3 | -27.9 | 54.9 | 329 | 2.01 | 66.7 | 67.3 | 67.3 | 64.7 |
| W | 380 | 775 | 79.09 | 71.99 | 25.61 | 0.447 | 0.407 | 72% | 0.828 | -0.355 | 0.01 | 0.0 | 0.0 | 0.0 | 0.0 | 47.9 | 88.8 | 84.4 | 76.9 | 76.9 | |
| N | 380 | 775 | 4.94 | 4.5 | 1.61 | 0.447 | 0.407 | 4% | 0.828 | -0.355 | 0.01 | 0.0 | 0.0 | 0.0 | 0.0 | 180 | 25 | 25.2 | 25.5 | 15.5 | 23.0 |
| U | 380 | 775 | 19.77 | 17.99 | 6.4 | 0.447 | 0.407 | 18% | 0.828 | -0.355 | 0.01 | 0.0 | 0.0 | 0.0 | 0.0 | 180 | 10 | 49.5 | 50.0 | 50.0 | 50.0 |

fec71-4a

fec70-7R_R