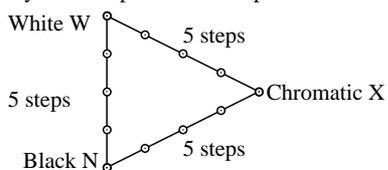


Equality of 5 step colour series by two definitions (Yes/No decision)

Layout example: three 5 step colour series **Any display and application FF_CM**



There are 3 basic colours on each page: N, W, X.
Ten pages include 10 hue planes
X = OYLCVM and RJGB.

Any colour is defined by two different PS-operators in center and surround field.

FF_CM with PS test chart 1 (rgb -> rgba) according to DIN 33872-4, file -> display

All colours of the three series N-W, W-X and X-N should equal on all pages

Are the center and surround field colours equal on all pages? underline: **Yes/No**
only if No: **inapplicable, use: http://130.149.60.45/~farbmetrik/OE01/OE01LMNA.PDF**

How many of the 3x4=12 steps are equal? (Application of FF_CM, pages 11-22)

- Page 1: equal are out of 12 steps: steps of O = Orange red
- Page 2: equal are out of 12 steps: steps of Y = Yellow
- Page 3: equal are out of 12 steps: steps of L = Leaf green
- Page 4: equal are out of 12 steps: steps of C = Cyan blue
- Page 5: equal are out of 12 steps: steps of V = Violet blue
- Page 6: equal are out of 12 steps: steps of M = Magenta red
- Page 7: equal are out of 12 steps: steps of R = Elementary Red
- Page 8: equal are out of 12 steps: steps of J = Elementary Yellow
- Page 9: equal are out of 12 steps: steps of G = Elementary Green
- Page 10: equal are out of 12 steps: steps of B = Elementary Blue

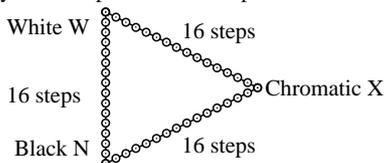
Sum: Of the given 3x4x10=120 steps steps are equal

Part 1

LE990-3, De140-3

Equality of 16 step colour series by two definitions (Yes/No decision)

Layout example: three 16 step colour series **Any display and application FF_CM**



There are 3 basic colours on each page: N, W, X.
Ten pages include 10 hue planes
X = OYLCVM and RJGB.

Any colour is defined by two different PS-operators in center and surround field.

FF_CM with PS test chart 1 (rgb -> rgba) according to DIN 33872-4, file -> display

All colours of the three series N-W, W-X and X-N should equal on all pages

Are the center and surround field colours equal on all pages? underline: **Yes/No**
only if No: **inapplicable, use: http://130.149.60.45/~farbmetrik/OE01/OE01LMNA.PDF**

How many of the 3x15=45 steps are equal?(Application of FF_CM, pages 11-22)

- Page 1: equal are out of 45 steps: steps of O = Orange red
- Page 2: equal are out of 45 steps: steps of Y = Yellow
- Page 3: equal are out of 45 steps: steps of L = Leaf green
- Page 4: equal are out of 45 steps: steps of C = Cyan blue
- Page 5: equal are out of 45 steps: steps of V = Violet blue
- Page 6: equal are out of 45 steps: steps of M = Magenta red
- Page 7: equal are out of 45 steps: steps of R = Elementary Red
- Page 8: equal are out of 45 steps: steps of J = Elementary Yellow
- Page 9: equal are out of 45 steps: steps of G = Elementary Green
- Page 10: equal are out of 45 steps: steps of B = Elementary Blue

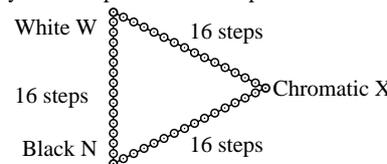
Sum: Of the given 3x15x10=450 steps steps are equal

Part 2

LE990-7, De141-3

Equality of 16 step colour series by two definitions (Yes/No decision)

Layout example: three 16 step colour series **Any display and application FF_CM**



There are 3 basic colours on each page: N, W, X.
Ten pages include 10 hue planes
X = OYLCVM and RJGB.

Any colour is defined by two different PS-operators in center and surround field.

FF_CM with PS test chart 1 (rgb -> rgba) according to DIN 33872-4, file -> display

All colours of the three series N-W, W-X and X-N should equal on all pages

Are the center and surround field colours equal on all pages? underline: **Yes/No**
only if No: **inapplicable, use: http://130.149.60.45/~farbmetrik/OE01/OE01LMNA.PDF**

How many of the 3x15=45 steps are equal?(Application of FF_CM, pages 11-22)

- Page 1: equal are out of 45 steps: steps of O = Orange red
- Page 2: equal are out of 45 steps: steps of Y = Yellow
- Page 3: equal are out of 45 steps: steps of L = Leaf green
- Page 4: equal are out of 45 steps: steps of C = Cyan blue
- Page 5: equal are out of 45 steps: steps of V = Violet blue
- Page 6: equal are out of 45 steps: steps of M = Magenta red
- Page 7: equal are out of 45 steps: steps of R = Elementary Red
- Page 8: equal are out of 45 steps: steps of J = Elementary Yellow
- Page 9: equal are out of 45 steps: steps of G = Elementary Green
- Page 10: equal are out of 45 steps: steps of B = Elementary Blue

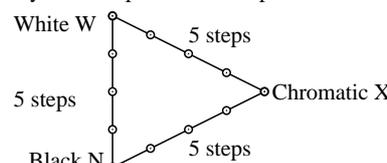
Sum: Of the given 3x15x10=450 steps steps are equal

Part 2

LE990-7, De141-3

Equality of 5 step colour series by two definitions (Yes/No decision)

Layout example: three 5 step colour series **Any printer and application FF_CM**



There are 3 basic colours on each page: N, W, X.
Ten pages include 10 hue planes
X = OYLCVM and RJGB.

Any colour is defined by two different PS-operators in center and surround field.

FF_CM with PS test chart 1 (rgb -> rgba) according to DIN 33872-4, file -> printer

All colours of the three series N-W, W-X and X-N should equal on all pages

Are the center and surround field colours equal on all pages? underline: **Yes/No**
only if No: **inapplicable, use: http://130.149.60.45/~farbmetrik/OE01/OE01LMNA.PDF**

How many of the 3x4=12 steps are equal?(Application of FF_CM, pages 11-22)

- Page 1: equal are out of 12 steps: steps of O = Orange red
- Page 2: equal are out of 12 steps: steps of Y = Yellow
- Page 3: equal are out of 12 steps: steps of L = Leaf green
- Page 4: equal are out of 12 steps: steps of C = Cyan blue
- Page 5: equal are out of 12 steps: steps of V = Violet blue
- Page 6: equal are out of 12 steps: steps of M = Magenta red
- Page 7: equal are out of 12 steps: steps of R = Elementary Red
- Page 8: equal are out of 12 steps: steps of J = Elementary Yellow
- Page 9: equal are out of 12 steps: steps of G = Elementary Green
- Page 10: equal are out of 12 steps: steps of B = Elementary Blue

Sum: Of the given 3x4x10=120 steps steps are equal

Part 3

LE991-3, De140-3

All displays and printers, Equality of colour scales and discriminability of colour scales (Two Yes/No decisions)

input: **rgb->rgb_d, cmy0->cmy0_d**
output: **cmy0_d->rgb_d**