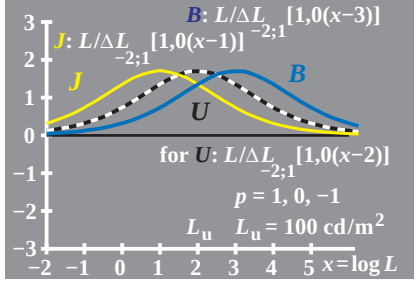
See original or copy: http://web.me.com/klaus.richter/ME19/ME19L0NA.TXT /.PS
Technical information: http://www.ps.bam.de or http://130.149.60.45/~farbmetrik

TUB registration: 20101101-ME19/ME19L0NA.TXT /.PS
application for measurement of printer or monitor systems
TUB material: code=rha4ta

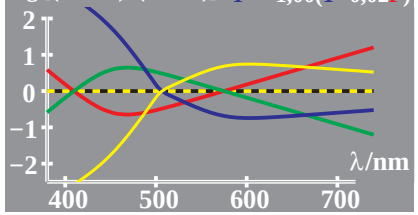
$L/\Delta L$ luminance discrimination



ME190−1, B4_68_4

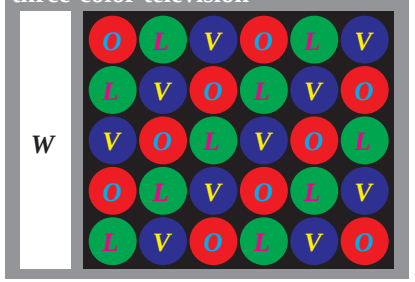
logarithmic U''-, J''-saturation symmetrical

$\log [(P''/U''), (D''/U'')]$ $P''=0{,}90(P+0{,}02T)$
$\log [(U''/J''), (T''/J'')]$ $D''=1{,}26(D+0{,}00P)$
$T''=1{,}00(T+0{,}02P)$



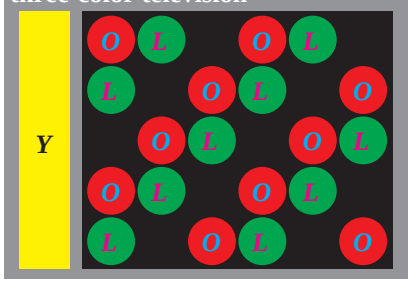
ME190−2, B4_69_1

three-color television



ME191−1, B5_06

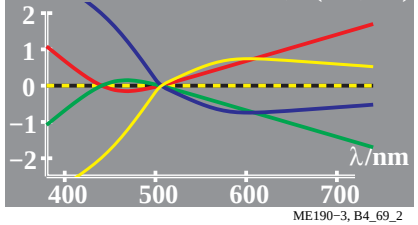
three-color television



ME191−2, B5_07

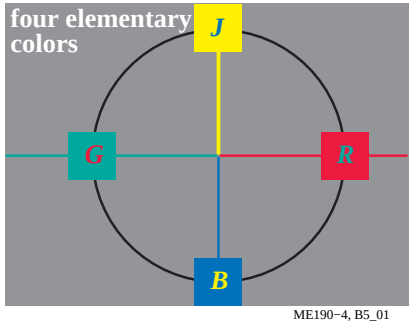
logarithmic U''-, J''-saturation symmetrical

$\log [(P''/U''), (D''/U'')]$ $P''=1{,}62(P+0{,}02T)$
$\log [(U''/J''), (T''/J'')]$ $D''=0{,}70(D+0{,}00P)$
$T''=1{,}00(T+0{,}02P)$



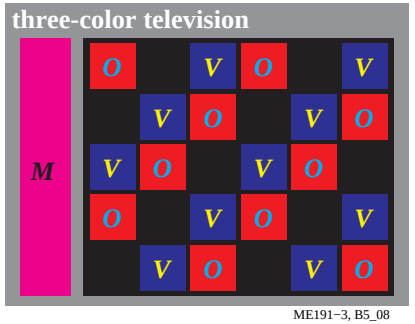
ME190−3, B4_69_2

four elementary colors



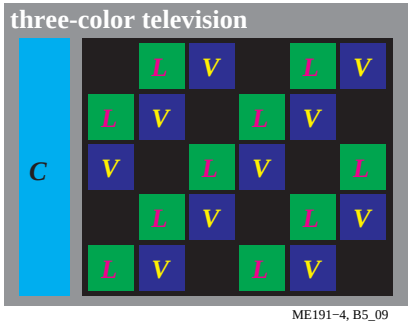
ME190−4, B5_01

three-color television



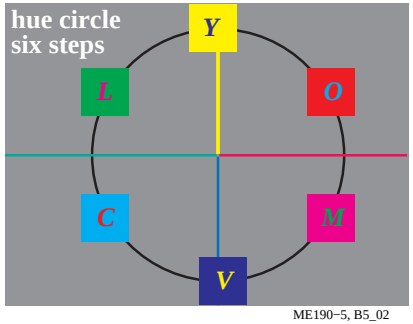
ME191−3, B5_08

three-color television



ME191−4, B5_09

hue circle six steps



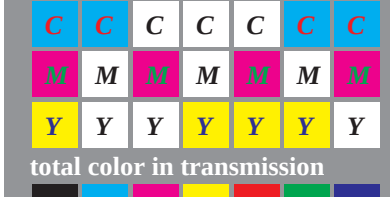
ME190−5, B5_02

chromatic basic and mixed colors in reproduction technologies

	basic colors	mixed colors
three-color television	O L V	C M Y
three-color film	C M Y	O L V
four-color printing	C M Y	O L V
seven-color printing	C M Y O L V	

ME190−6, B5_03

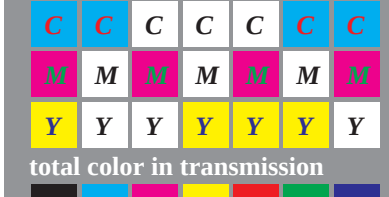
three-color slide film
colors in three layers



total color in transmission

ME191−5, B5_10

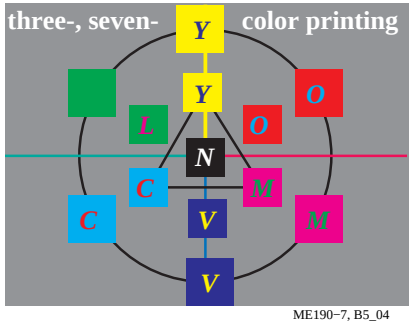
three-color printing
colors in three layers



total color in transmission

ME191−6, B5_11

three-, seven-color printing



ME190−7, B5_04

seven-color printing

four-color printing

ME190−8, B5_05

four-color printing by achromatic composition with four colors

total color in reflection

ME191−7, B5_12

four-color printing
color layers on paper
white light observer

white paper

total color in reflection

ME191−8, B5_13

input: *cmyk setcmykcolor*
output: no colour data change