

Converting Colors

CIELCh(45, 5.094, 170.364)

Have a look what the booklet for
CIELCh(45, 5.094, 170.364) contains.

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Color

CIELCh(45, 5.087, 170.895)

Conversions

Conversions Part 1

Format	Color
Hex	626D69
RGB	98, 109, 105
RGB Percent	38%, 43%, 41%
CMY	0.6158, 0.5727, 0.5884
CMYK	0.10, 0.00, 0.04, 0.57
HSL	158°, 5%, 41%
HSV	158°, 10%, 43%
XYZ	13.0444, 14.5417, 15.4727
YIQ	105.2550, -5.2720, -3.5760

Conversions

Conversions Part 2

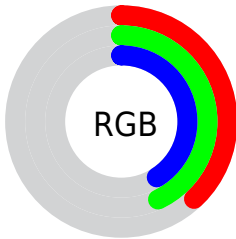
Format	Color
R_{YB}	98, 105, 109
Decimal	6450537
CIE Lab	45.00, -5.02, 0.80
CIE LCh	45, 5.087, 170.895
Yxy	14.5417, 0.3029, 0.3377
Android (android.graphics.Color)	4284640617 (0xFF626D69)
YUV	105.2550, -0.1257, -6.3626
Hunter-Lab	38.1336, -5.6742, 2.6367

Details

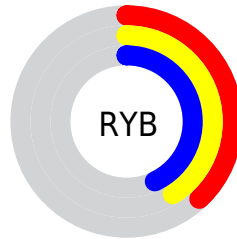
The CIELCh color **45, 5.087, 170.895** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **43, 5.201, 352.528**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 4.750, 171.179**, and **25, 5.209, 168.174** is the 20% darker color. If you saturate the color by 10%, you get **44, 10.069, 169.935**, and if you desaturate by 10%, it is **46, 0.045, 178.191**.

Distribution



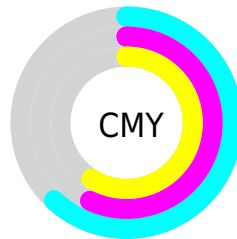
- Red (38%)
- Green (43%)
- Blue (41%)



- Red (38%)
- Yellow (41%)
- Blue (43%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (57%)



- Cyan (62%)
- Magenta (57%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 45, 5.087, 170.895 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 45, 5.087, 170.895 by changing the saturation by 10% instead.

■ 45, 5.087, 170.895

■ 45, 5.087, 170.895

■ 100, 5.087,
170.895

■ 35, 5.087, 170.895

■ 65, 5.087, 170.895

■ 25, 5.087, 170.895

■ 75, 5.087, 170.895

■ 15, 5.087, 170.895

■ 85, 5.087, 170.895

■ 5, 5.087, 170.895

■ 95, 5.087, 170.895

■ 0, 5.087, 170.895

■ 45, 5.087, 170.895

■ 45, 5.087, 170.895

■ 44, 10.069,
169.935

■ 46, 0.045, 178.191

■ 43, 14.927,

■ 47, 5.009, 352.430

168.921

■ 48, 10.034,
353.212

■ 43, 19.590,
167.815

■ 50, 14.996,
353.932

■ 42, 23.984,
166.597

■ 51, 19.875,
354.611

■ 41, 28.034,
165.245

■ 52, 24.655,
355.256

■ 41, 31.675,
163.738

■ 54, 29.326,
355.871

■ 41, 34.860,
162.057

■ 55, 33.883,
356.459

■ 40, 37.574,
160.189

■ 57, 38.324,
357.023

■ 40, 40.021,
158.342

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



45, 5.087, 170.895



43, 5.201, 352.528

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



45, 5.087, 170.895



45, 5.087, 220.895



45, 5.087, 350.895



45, 5.087, 40.895

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



45, 5.088, 170.888



59, 1.889, 171.626



45, 7.177, 133.198



30, 1.422, 171.533



80, 0.010, 296.813



30, 0.005, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



45, 5.088, 170.888



58, 7.543, 170.677



45, 3.885, 212.121



22, 2.793, 170.998



43, 42.323, 158.141



86, 74.664, 156.720

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



43, 5.201, 352.528



54, 7.746, 352.749



43, 4.131, 32.085



21, 2.849, 352.414



24, 47.891, 12.779



52, 83.221, 16.234

Previews

White Background



This preview shows how the CIELCh color 45, 5.087, 170.895 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 45, 5.087, 170.895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

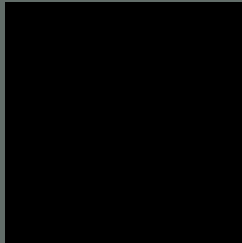
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

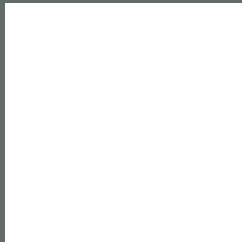
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 45, 5.087, 170.895

Background



This preview shows how black text looks on a background with the CIELCh color 45, 5.087, 170.895.



This preview shows how white text looks on a background with the CIELCh color 45, 5.087, 170.895.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

45, 5.087, 170.895

Protanopia

45, 2.166, 74.682

Deuteranopia

45, 6.113, 3.202



Tritanopia
45, 5.969, 263.711

Trichromacy



Original Color
45, 5.087, 170.895

Protanomaly
45, 1.971, 134.616

Deuteranomaly
45, 2.156, 3.486

Tritanomaly
45, 4.240, 233.467

Monochromacy



Original Color
45, 5.087, 170.895

Achromatopsia
44, 0.006, 296.813

Achromatomaly
44, 1.745, 179.375

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 5.087, 170.895 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(98, 109, 105)` looks like.

```
.text, #text, p{  
    color:rgb(98, 109, 105)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(98, 109, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 109, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 5.087, 170.895 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(98, 109, 105) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(98, 109, 105) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(98, 109, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 109, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 109, 105);  
box-shadow:4px 4px 4px 4px rgb(98, 109,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 5.087, 170.895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 109, 105) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(98, 109,  
105) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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