

Converting Colors

CIELCh(45, 7.360, 192.805)

Have a look what the booklet for
CIELCh(45, 7.360, 192.805) contains.

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Color

CIELCh(45, 7.121, 193.790)

Conversions

Conversions Part 1

Format	Color
Hex	5C6E6D
RGB	92, 110, 109
RGB Percent	36%, 43%, 43%
CMY	0.6391, 0.5685, 0.5724
CMYK	0.16, 0.00, 0.01, 0.57
HSL	177°, 9%, 40%
HSV	177°, 16%, 43%
XYZ	12.7593, 14.5417, 16.6125
YIQ	104.5040, -10.4070, -4.1270

Conversions

Conversions Part 2

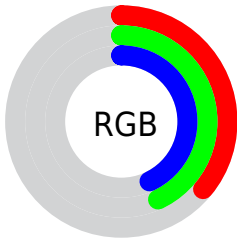
Format	Color
RYB	92, 101, 110
Decimal	6057581
CIELab	45.00, -6.92, -1.70
CIELCh	45, 7.121, 193.790
Yxy	14.5417, 0.2906, 0.3311
Android (android.graphics.Color)	4284247661 (0xFF5C6E6D)
YUV	104.5040, 2.2165, -10.9660
Hunter-Lab	38.1336, -7.0087, 0.8644

Details

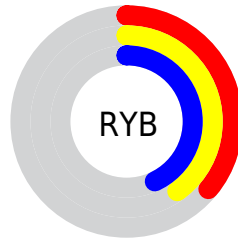
The CIELCh color **45, 7.121, 193.790** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **41, 7.787, 15.995**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 7.523, 190.276**, and **25, 6.765, 198.276** is the 20% darker color. If you saturate the color by 10%, you get **44, 11.169, 193.135**, and if you desaturate by 10%, it is **46, 2.829, 194.497**.

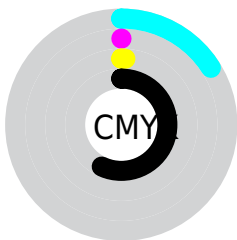
Distribution



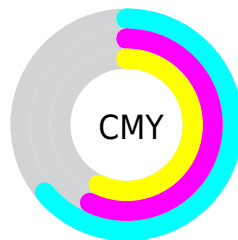
- Red (36%)
- Green (43%)
- Blue (43%)



- Red (36%)
- Yellow (40%)
- Blue (43%)



- Cyan (16%)
- Magenta (0%)
- Yellow (1%)
- Black (57%)



- Cyan (64%)
- Magenta (57%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 45, 7.121, 193.790 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, 7.121, 193.790 by changing the saturation by 10% instead.

■ 45, 7.121, 193.790

■ 45, 7.121, 193.790

■ 100, 7.121,
193.790

■ 35, 7.121, 193.790

■ 65, 7.121, 193.790

■ 25, 7.121, 193.790

■ 75, 7.121, 193.790

■ 15, 7.121, 193.790

■ 85, 7.121, 193.790

■ 5, 7.121, 193.790

■ 95, 7.121, 193.790

■ 0, 7.121, 193.790

■ 45, 7.121, 193.790

■ 45, 7.121, 193.790

■ 44, 11.169,
193.135

■ 46, 2.829, 194.497

■ 44, 14.904,

■ 47, 1.649, 14.807

192.508

48, 6.257, 15.618

43, 18.262,
191.893

49, 10.948, 16.298

43, 21.181,
191.287

50, 15.685, 16.964

42, 23.612,
190.683

51, 20.436, 17.622

42, 25.523,
190.072

54, 29.892, 18.912

42, 26.912,
189.444

56, 34.566, 19.541

42, 27.876,
188.797

41, 28.213,
188.568

Harmonies

Complementary

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



45, 7.121, 193.790



41, 7.787, 15.995

Rectangle

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



45, 7.121, 193.790



45, 7.121, 243.790



45, 7.121, 13.790



45, 7.121, 63.790

Sweetspot

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



45, 7.122, 193.782



59, 2.760, 194.606



45, 12.868, 141.780



30, 1.868, 194.558



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, 7.122, 193.782



57, 10.668, 193.509



43, 6.085, 249.873



23, 2.528, 194.290



45, 29.999, 188.498



88, 51.386, 188.070

Inverse Universe

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



41, 7.787, 15.995



51, 11.954, 16.396



43, 6.438, 66.127



22, 2.653, 15.344



24, 56.513, 35.569



52, 100.028, 38.412

Previews

White Background



This preview shows how the CIELCh color 45, 7.121, 193.790 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, 7.121, 193.790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

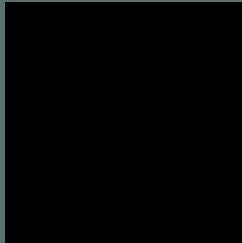
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

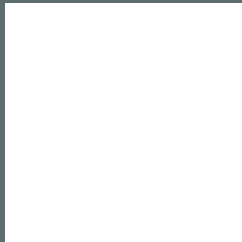
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 45, 7.121, 193.790

Background



This preview shows how black text looks on a background with the CIELCh color 45, 7.121, 193.790.



This preview shows how white text looks on a background with the CIELCh color 45, 7.121, 193.790.

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

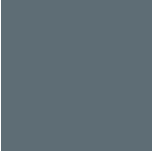
45, 7.121, 193.790

Protanopia

45, 1.024, 343.540

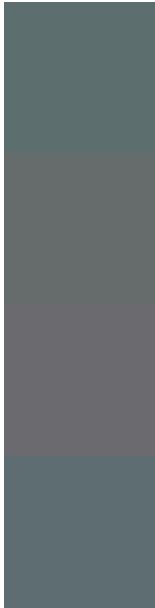
Deuteranopia

45, 6.481, 340.145



Tritanopia
45, 7.361, 239.498

Trichromacy



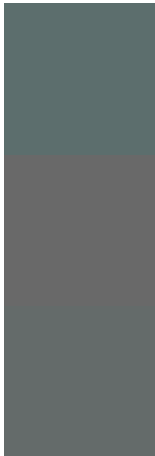
Original Color
45, 7.121, 193.790

Protanomaly
45, 2.096, 215.904

Deuteranomaly
45, 2.431, 300.115

Tritanomaly
45, 6.794, 224.968

Monochromacy



Original Color
45, 7.121, 193.790

Achromatopsia
44, 0.006, 296.813

Achromatomaly
45, 2.907, 187.305

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 45, 7.121, 193.790 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(92, 110, 109)` looks like.

```
.text, #text, p{  
    color:rgb(92, 110, 109)  
}
```

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(92, 110, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 110, 109) }
```

Border

The CSS property to change the border of an element to CIELCh 45, 7.121, 193.790 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(92, 110, 109) }
```

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

```
.border{ border-color:rgb(92, 110, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 110, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 110, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 110, 109);  
box-shadow:4px 4px 4px 4px rgb(92, 110,  
109) }
```

Background

The CSS property to change the background color of an element to CIELCh 45, 7.121, 193.790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 110, 109) }
```

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

```
.background{ background-color: rgb(92, 110,  
109) }
```

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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