

Converting Colors

CIELCh(48, 9.254, 194.781)

Have a look what the booklet for
CIELCh(48, 9.254, 194.781) contains.

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Color

CIELCh(48, 9.238, 194.745)

Conversions

Conversions Part 1

Format	Color
Hex	5F7776
RGB	95, 119, 118
RGB Percent	37%, 47%, 46%
CMY	0.6292, 0.5351, 0.5390
CMYK	0.20, 0.00, 0.01, 0.54
HSL	177°, 11%, 42%
HSV	177°, 20%, 46%
XYZ	14.4615, 16.7945, 19.4803
YIQ	111.7100, -13.9830, -5.3990

Conversions

Conversions Part 2

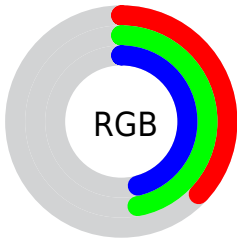
Format	Color
R_{YB}	95, 107, 119
Decimal	6256502
CIE _{Lab}	48.00, -8.93, -2.35
CIE _{LCh}	48, 9.238, 194.745
Y _{xy}	16.7945, 0.2850, 0.3310
Android (android.graphics.Color)	4284446582 (0xFF5F7776)
Y_{UV}	111.7100, 3.1010, -14.6547
Hunter-Lab	40.9810, -8.7274, 0.5032

Details

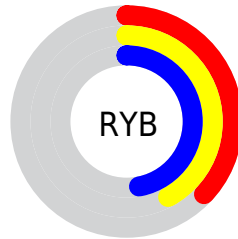
The CIELCh color **48, 9.238, 194.745** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **43, 10.379, 17.483**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 9.125, 195.207**, and **28, 9.393, 193.977** is the 20% darker color. If you saturate the color by 10%, you get **47, 13.388, 194.140**, and if you desaturate by 10%, it is **49, 4.790, 195.381**.

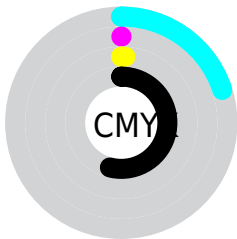
Distribution



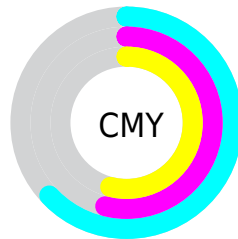
- Red (37%)
- Green (47%)
- Blue (46%)



- Red (37%)
- Yellow (42%)
- Blue (47%)



- Cyan (20%)
- Magenta (0%)
- Yellow (1%)
- Black (54%)



- Cyan (63%)
- Magenta (54%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 9.238, 194.745 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 48, 9.238, 194.745 by changing the saturation by 10% instead.

■ 48, 9.238, 194.745

■ 48, 9.238, 194.745

■ 100, 9.238,
194.745

■ 38, 9.238, 194.745

■ 68, 9.238, 194.745

■ 28, 9.238, 194.745

■ 78, 9.238, 194.745

■ 18, 9.238, 194.745

■ 88, 9.238, 194.745

■ 8, 9.238, 194.745

■ 98, 9.238, 194.745

■ 0, 9.238, 194.745

■ 48, 9.238, 194.745

■ 48, 9.238, 194.745

■ 47, 13.388,
194.140

■ 49, 4.790, 195.381

■ 47, 17.168,

■ 50, 0.111, 199.283

193.566

51, 4.737, 16.477

46, 20.507,
193.014

52, 9.698, 17.157

46, 23.347,
192.480

53, 14.728, 17.815

45, 25.643,
191.959

55, 19.791, 18.466

45, 27.374,
191.443

56, 24.857, 19.112

45, 28.553,
190.923

57, 29.904, 19.750

45, 29.392,
190.416

Harmonies

Complementary

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



48, 9.238, 194.745



43, 10.379, 17.483

Rectangle

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



48, 9.238, 194.745



48, 9.238, 244.745



48, 9.238, 14.745



48, 9.238, 64.745

Sweetspot

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



48, 9.239, 194.739



62, 3.490, 195.684



47, 17.035, 141.958



32, 2.299, 195.646



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



48, 9.239, 194.739



61, 13.335, 194.475



45, 8.057, 252.447



24, 2.618, 195.466



46, 30.076, 190.397



89, 51.094, 190.077

Inverse Universe

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



43, 10.379, 17.483



53, 15.397, 17.929



45, 8.614, 67.584



23, 2.752, 16.481



24, 57.886, 36.333



52, 101.384, 38.845

Previews

White Background



This preview shows how the CIELCh color 48, 9.238, 194.745 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 48, 9.238, 194.745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

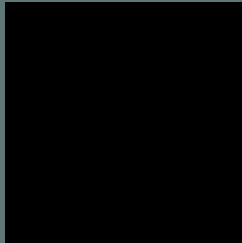
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

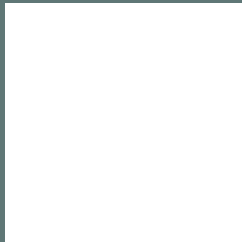
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 48, 9.238, 194.745

Background



This preview shows how black text looks on a background with the CIELCh color 48, 9.238, 194.745.



This preview shows how white text looks on a background with the CIELCh color 48, 9.238, 194.745.

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


48, 9.238, 194.745

Protanopia

48, 1.012, 343.518

Deuteranopia

48, 7.216, 332.919



Tritanopia
48, 9.621, 236.745

Trichromacy



Original Color
48, 9.238, 194.745

Protanomaly
48, 2.792, 199.219

Deuteranomaly
48, 2.975, 282.909

Tritanomaly
48, 9.214, 221.263

Monochromacy



Original Color
48, 9.238, 194.745

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 3.651, 189.755

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 9.238, 194.745 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(95, 119, 118)` looks like.

```
.text, #text, p{  
    color:rgb(95, 119, 118)  
}
```

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(95, 119, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 119, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 9.238, 194.745 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(95, 119, 118) }
```

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

```
.border{ border-color:rgb(95, 119, 118) }
```

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

Here you see how a box with a 4 pixel rgb(95, 119, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 119, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 119, 118);  
box-shadow:4px 4px 4px 4px rgb(95, 119,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 9.238, 194.745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 119, 118) }
```

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

```
.background{ background-color: rgb(95, 119,  
118) }
```

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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