

Converting Colors

CIELCh(48, 9.249, 196.625)

Have a look what the booklet for
CIELCh(48, 9.249, 196.625) contains.

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Color

CIELCh(48, 9.597, 194.841)

Conversions

Conversions Part 1

Format	Color
Hex	5E7776
RGB	94, 119, 118
RGB Percent	37%, 47%, 46%
CMY	0.6324, 0.5344, 0.5383
CMYK	0.21, 0.00, 0.01, 0.53
HSL	178°, 12%, 42%
HSV	178°, 21%, 47%
XYZ	14.4058, 16.7945, 19.5358
YIQ	111.4110, -14.5790, -5.6110

Conversions

Conversions Part 2

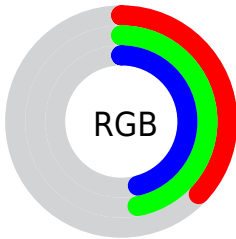
Format	Color
R_{YB}	94, 107, 119
Decimal	6190966
CIE _{Lab}	48.00, -9.28, -2.46
CIE _{LCh}	48, 9.597, 194.841
Yxy	16.7945, 0.2839, 0.3310
Android (android.graphics.Color)	4284381046 (0xFF5E7776)
YUV	111.4110, 3.2484, -15.2694
Hunter-Lab	40.9810, -8.9700, 0.4229

Details

The CIELCh color $48, 9.597, 194.841$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $42, 10.842, 17.695$, and the grayscale version is $47, 0.006, 296.813$.

A 20% lighter version of the original color is $68, 9.473, 195.302$, and $28, 9.753, 194.065$ is the 20% darker color. If you saturate the color by 10%, you get $47, 13.721, 194.244$, and if you desaturate by 10%, it is $49, 5.168, 195.468$.

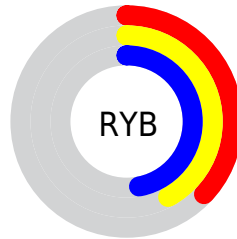
Distribution



Red (37%)

Green (47%)

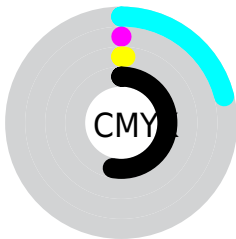
Blue (46%)



Red (37%)

Yellow (42%)

Blue (47%)

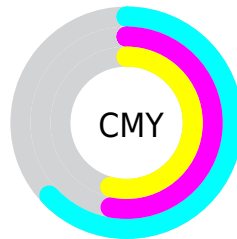


Cyan (21%)

Magenta (0%)

Yellow (1%)

Black (53%)



Cyan (63%)

Magenta (53%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 9.597, 194.841 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, 9.597, 194.841 by changing the saturation by 10% instead.

■ 48, 9.597, 194.841

■ 48, 9.597, 194.841

■ 100, 9.597,
194.841

■ 38, 9.597, 194.841

■ 68, 9.597, 194.841

■ 28, 9.597, 194.841

■ 78, 9.597, 194.841

■ 18, 9.597, 194.841

■ 88, 9.597, 194.841

■ 8, 9.597, 194.841

■ 98, 9.597, 194.841

■ 0, 9.597, 194.841

■ 48, 9.597, 194.841

■ 48, 9.597, 194.841

■ 47, 13.721,
194.244

■ 49, 5.168, 195.468

■ 47, 17.468,

■ 50, 0.501, 196.755

193.678

51, 4.340, 16.553

46, 20.767,
193.136

52, 9.300, 17.236

46, 23.562,
192.613

53, 14.333, 17.892

45, 25.808,
192.104

55, 19.402, 18.542

45, 27.489,
191.601

56, 24.476, 19.187

45, 28.619,
191.095

57, 29.534, 19.825

45, 29.380,
190.646

Harmonies

Complementary

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



48, 9.597, 194.841



42, 10.842, 17.695

Rectangle

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



48, 9.597, 194.841



48, 9.597, 244.841



48, 9.597, 14.841



48, 9.597, 64.841

Sweetspot

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



48, 9.598, 194.835



63, 3.536, 195.823



47, 17.747, 141.904



33, 2.362, 195.784



83, 0.010, 296.813



34, 0.005, 296.813

Same Dimension

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



48, 9.598, 194.835



61, 14.027, 194.560



45, 8.385, 252.572



24, 2.617, 195.607



46, 30.032, 190.628



89, 51.015, 190.320

Inverse Universe

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



42, 10.842, 17.695



53, 16.316, 18.173



45, 8.992, 67.495



23, 2.752, 16.615



24, 57.931, 36.401



52, 101.444, 38.890

Previews

White Background



This preview shows how the CIELCh color 48, 9.597, 194.841 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, 9.597, 194.841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

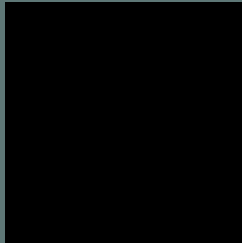
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

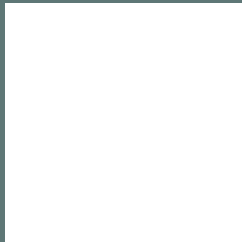
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 48, 9.597, 194.841

Background



This preview shows how black text looks on a background with the CIELCh color 48, 9.597, 194.841.



This preview shows how white text looks on a background with the CIELCh color 48, 9.597, 194.841.

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, 9.597, 194.841

Protanopia

48, 1.012, 343.518

Deuteranopia

48, 7.216, 332.919



Tritanopia
48, 9.621, 236.745

Trichromacy



Original Color
48, 9.597, 194.841

Protanomaly
48, 3.184, 199.158

Deuteranomaly
48, 3.560, 284.277

Tritanomaly
48, 9.214, 221.263

Monochromacy



Original Color
48, 9.597, 194.841

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, 9.597, 194.841 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(94, 119, 118)` looks like.

```
.text, #text, p{  
    color:rgb(94, 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(94, 119, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 119, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 9.597, 194.841 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(94, 119, 118) }
```

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

```
.border{ border-color:rgb(94, 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(94, 119, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 119, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 119, 118);  
box-shadow:4px 4px 4px 4px rgb(94, 119,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 9.597, 194.841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 119, 118) }
```

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

```
.background{ background-color: rgb(94, 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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