

Converting Colors

CIELCh(48, 9.843, 205.302)

Have a look what the booklet for
CIELCh(48, 9.843, 205.302) contains.

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Color

CIELCh(48, 9.843, 205.302)

Conversions

Conversions Part 1

Format	Color
Hex	5D7779
RGB	93, 119, 121
RGB Percent	36%, 47%, 47%
CMY	0.6366, 0.5347, 0.5268
CMYK	0.23, 0.02, 0.00, 0.53
HSL	184°, 13%, 42%
HSV	184°, 23%, 47%
XYZ	14.4672, 16.7945, 20.4585
YIQ	111.4540, -16.1380, -4.8900

Conversions

Conversions Part 2

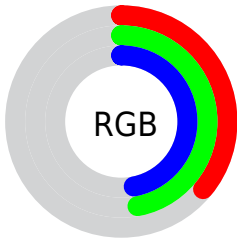
Format	Color
R _Y B	93, 106, 121
Decimal	6125433
CIE Lab	48.00, -8.90, -4.21
CIE LCh	48, 9.843, 205.302
Yxy	16.7945, 0.2797, 0.3247
Android (android.graphics.Color)	4284315513 (0xFF5D7779)
YUV	111.4540, 4.7062, -16.1842
Hunter-Lab	40.9810, -8.7026, -0.9119

Details

The CIELCh color **48, 9.843, 205.302** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **43, 11.452, 26.818**, and the grayscale version is **47, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 9.748, 205.162**, and **28, 9.915, 205.478** is the 20% darker color. If you saturate the color by 10%, you get **47, 13.590, 205.185**, and if you desaturate by 10%, it is **49, 5.769, 205.510**.

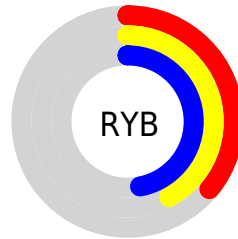
Distribution



Red (36%)

Green (47%)

Blue (47%)



Red (36%)

Yellow (42%)

Blue (47%)

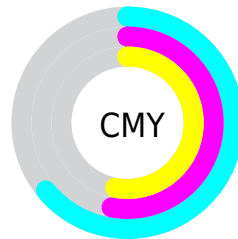


Cyan (23%)

Magenta (2%)

Yellow (0%)

Black (53%)



Cyan (64%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 9.843, 205.302 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, 9.843, 205.302 by changing the saturation by 10% instead.

■ 48, 9.843, 205.302

■ 48, 9.843, 205.302

■ 100, 9.843,
205.302

■ 38, 9.843, 205.302

■ 68, 9.843, 205.302

■ 28, 9.843, 205.302

■ 78, 9.843, 205.302

■ 18, 9.843, 205.302

■ 88, 9.843, 205.302

■ 8, 9.843, 205.302

■ 98, 9.843, 205.302

■ 0, 9.843, 205.302

■ 48, 9.843, 205.302

■ 48, 9.843, 205.302

■ 47, 13.590,
205.185

■ 49, 5.769, 205.510

■ 46, 16.942,

■ 50, 1.432, 205.967

205.184

52, 3.108, 25.886

45, 19.834,
205.310

53, 7.799, 26.313

45, 22.212,
205.584

54, 12.596, 26.717

44, 24.037,
206.028

56, 17.463, 27.132

43, 25.299,
206.665

59, 27.295, 27.992

43, 26.024,
207.510

61, 32.218, 28.427

43, 26.398,
208.124

Harmonies

Complementary

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



48, 9.843, 205.302



43, 11.452, 26.818

Rectangle

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



48, 9.843, 205.302



48, 9.843, 255.302



48, 9.843, 25.302



48, 9.843, 75.302

Sweetspot

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



48, 9.843, 205.296



64, 3.876, 205.710



48, 19.250, 144.810



33, 2.502, 205.693



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, 9.843, 205.296



61, 14.545, 205.222



44, 10.413, 265.589



25, 2.518, 205.637



44, 27.062, 208.170



85, 45.381, 208.869

Inverse Universe

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



43, 19.209, 327.675



54, 28.911, 327.977



47, 10.786, 79.410



24, 4.696, 326.887



28, 64.540, 331.185



59, 108.327, 331.357

Previews

White Background



This preview shows how the CIELCh color 48, 9.843, 205.302 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, 9.843, 205.302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

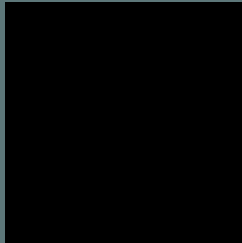
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

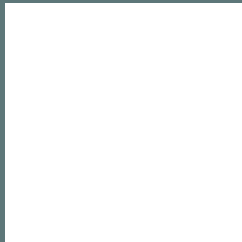
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 48, 9.843, 205.302

Background



This preview shows how black text looks on a background with the CIELCh color 48, 9.843, 205.302.



This preview shows how white text looks on a background with the CIELCh color 48, 9.843, 205.302.

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, 9.843, 205.302

Protanopia

48, 2.507, 309.178

Deuteranopia

48, 8.374, 322.626



Tritanopia
48, 10.178, 230.188

Trichromacy



Original Color
48, 9.843, 205.302

Protanomaly
48, 3.583, 228.842

Deuteranomaly
48, 5.358, 282.501

Tritanomaly
48, 9.721, 223.814

Monochromacy



Original Color
48, 9.843, 205.302

Achromatopsia
47, 0.006, 296.813

Achromatomaly
47, 3.988, 207.597

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 9.843, 205.302 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(93, 119, 121)` looks like.

```
.text, #text, p{  
    color:rgb(93, 119, 121)  
}
```

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(93, 119, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 119, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 9.843, 205.302 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(93, 119, 121) }
```

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

```
.border{ border-color:rgb(93, 119, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 119, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 119, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 119, 121);  
box-shadow:4px 4px 4px 4px rgb(93, 119,  
121) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 9.843, 205.302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 119, 121) }
```

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

```
.background{ background-color: rgb(93, 119,  
121) }
```

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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