

Converting Colors

CIELCh(48, 3.244, 208.998)

Have a look what the booklet for
CIELCh(48, 3.244, 208.998) contains.

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Color

CIELCh(48, 3.217, 209.751)

Conversions

Conversions Part 1

Format	Color
Hex	6B7374
RGB	107, 115, 116
RGB Percent	42%, 45%, 45%
CMY	0.5786, 0.5472, 0.5433
CMYK	0.08, 0.01, 0.00, 0.54
HSL	187°, 4%, 44%
HSV	187°, 8%, 46%
XYZ	15.4827, 16.7945, 19.0915
YIQ	112.7220, -5.0890, -1.3850

Conversions

Conversions Part 2

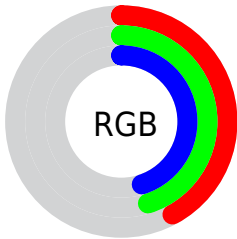
Format	Color
R_{YB}	107, 111, 116
Decimal	7041908
CIE Lab	48.00, -2.79, -1.60
CIE LCh	48, 3.217, 209.751
Yxy	16.7945, 0.3014, 0.3269
Android (android.graphics.Color)	4285231988 (0xFF6B7374)
YUV	112.7220, 1.6161, -5.0182
Hunter-Lab	40.9810, -4.2793, 1.0658

Details

The CIELCh color $48, 3.217, 209.751$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $46, 3.372, 29.754$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $68, 3.386, 208.640$, and $28, 3.076, 211.197$ is the 20% darker color. If you saturate the color by 10%, you get $47, 7.184, 209.610$, and if you desaturate by 10%, it is $49, 0.964, 29.359$.

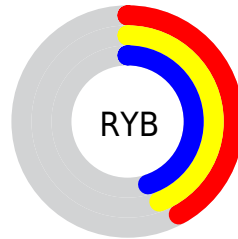
Distribution



Red (42%)

Green (45%)

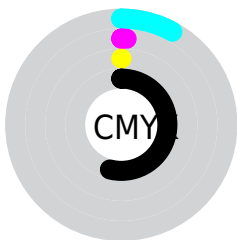
Blue (45%)



Red (42%)

Yellow (44%)

Blue (45%)

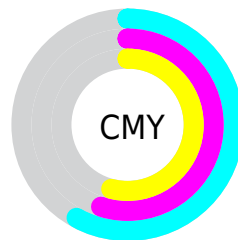


Cyan (8%)

Magenta (1%)

Yellow (0%)

Black (54%)



Cyan (58%)













Magenta (55%)



Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 3.217, 209.751 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, 3.217, 209.751 by changing the saturation by 10% instead.

 48, 3.217, 209.751	 48, 3.217, 209.751
 100, 3.217, 209.751	 38, 3.217, 209.751
 68, 3.217, 209.751	 28, 3.217, 209.751
 78, 3.217, 209.751	 18, 3.217, 209.751
 88, 3.217, 209.751	 8, 3.217, 209.751
 98, 3.217, 209.751	 0, 3.217, 209.751

 48, 3.217, 209.751	 48, 3.217, 209.751
 47, 7.184, 209.610	 49, 0.964, 29.359
 46, 10.880, 209.637	 51, 5.309, 29.872

44, 14.243,
209.799

52, 9.774, 30.148

43, 17.211,
210.117

54, 14.325, 30.438

55, 18.930, 30.749

43, 19.727,
210.622

57, 23.567, 31.074

42, 21.743,
211.349

59, 28.217, 31.408

60, 32.865, 31.747

41, 23.234,
212.338

62, 37.500, 32.087

40, 24.199,
213.626

40, 24.775,
215.162

Harmonies

Complementary

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



48, 3.217, 209.751



46, 3.372, 29.754

Rectangle

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



48, 3.217, 209.751



48, 3.217, 259.751



48, 3.217, 29.751



48, 3.217, 79.751

Sweetspot

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



48, 3.218, 209.729



62, 1.040, 210.113



48, 6.049, 146.861



32, 0.596, 210.151



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, 3.218, 209.729



61, 4.602, 209.697



47, 3.483, 266.440



24, 2.348, 209.700



42, 25.795, 215.619



81, 43.565, 216.833

Inverse Universe

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



46, 6.017, 327.999



59, 8.645, 328.087



48, 3.500, 84.438



23, 4.409, 328.077



27, 61.724, 333.011



58, 104.164, 333.310

Previews

White Background



This preview shows how the CIELCh color 48, 3.217, 209.751 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, 3.217, 209.751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

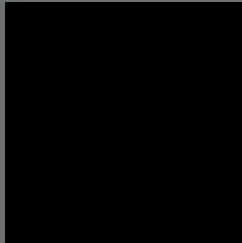
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

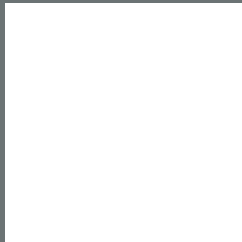
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 48, 3.217, 209.751

Background



This preview shows how black text looks on a background with the CIELCh color 48, 3.217, 209.751.



This preview shows how white text looks on a background with the CIELCh color 48, 3.217, 209.751.

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, 3.217, 209.751

Protanopia

48, 1.443, 324.413

Deuteranopia

48, 7.096, 338.640



Tritanopia
48, 5.615, 270.659

Trichromacy



Original Color
48, 3.217, 209.751

Protanomaly
48, 1.419, 255.996

Deuteranomaly
48, 3.596, 324.616

Tritanomaly
48, 4.424, 252.492

Monochromacy



Original Color
48, 3.217, 209.751

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 1.207, 199.570

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 3.217, 209.751 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(107, 115, 116)` looks like.

```
.text, #text, p{  
    color:rgb(107, 115, 116)  
}
```

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(107, 115, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 115, 116) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 3.217, 209.751 is called "border". The border property can be set on classes, ids or directly on the HTML element.

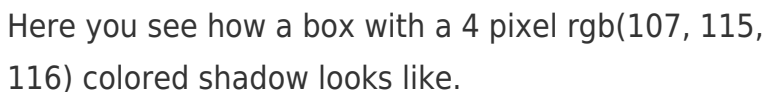
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(107, 115, 116) }
```

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

```
.border{ border-color:rgb(107, 115, 116) }
```

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



Here you see how a box with a 4 pixel `rgb(107, 115, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 115, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 115, 116);  
box-shadow:4px 4px 4px 4px rgb(107, 115,  
116) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 3.217, 209.751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 115, 116) }
```

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

```
.background{ background-color: rgb(107,  
115, 116) }
```

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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