

Converting Colors

CIELCh(48, 17.727, 292.519)

Have a look what the booklet for
CIELCh(48, 17.727, 292.519)
contains.

CIELCh(48, 17.727, 292.519)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(48, 17.727, 292.519)

Conversions

Conversions Part 1

Format	Color
Hex	6F6F8D
RGB	111, 111, 141
RGB Percent	44%, 44%, 55%
CMY	0.5632, 0.5632, 0.4455
CMYK	0.21, 0.21, 0.00, 0.45
HSL	240°, 12%, 50%
HSV	240°, 21%, 55%
XYZ	17.1704, 16.7945, 27.6954
YIQ	114.4200, -9.6300, 9.3300

Conversions

Conversions Part 2

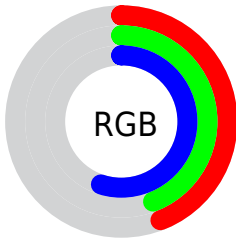
Format	Color
R_{YB}	111, 111, 141
Decimal	7303053
CIE _{Lab}	48.00, 6.79, -16.38
CIE _{LCh}	48, 17.727, 292.519
Yxy	16.7945, 0.2785, 0.2724
Android (android.graphics.Color)	4285493133 (0xFF6F6F8D)
YUV	114.4200, 13.1039, -2.9993
Hunter-Lab	40.9810, 3.0720, -11.3820

Details

The CIELCh color $48, 17.727, 292.519$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $58, 16.900, 108.194$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $68, 17.654, 291.963$, and $28, 18.181, 293.629$ is the 20% darker color. If you saturate the color by 10%, you get $43, 26.616, 293.921$, and if you desaturate by 10%, it is $53, 9.193, 291.322$.

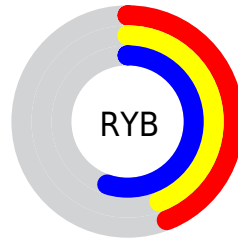
Distribution



Red (44%)

Green (44%)

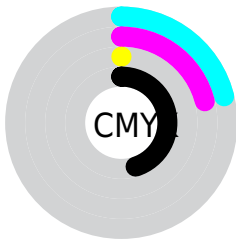
Blue (55%)



Red (44%)

Yellow (44%)

Blue (55%)

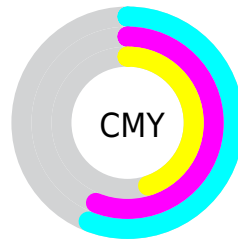


Cyan (21%)

Magenta (21%)

Yellow (0%)

Black (45%)



Cyan (56%)


Magenta (56%)


Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 48, 17.727, 292.519 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, 17.727, 292.519 by changing the saturation by 10% instead.


 48, 17.727,
292.519


 48, 17.727,
292.519


 100, 17.727,
292.519


 38, 17.727,
292.519

 68, 17.727,
292.519


 28, 17.727,
292.519

 78, 17.727,
292.519

 18, 17.727,
292.519

 88, 17.727,
292.519

 8, 17.727, 292.519

 98, 17.727,
292.519

 0, 17.727, 292.519

 48, 17.727,

 48, 17.727,

292.519

43, 26.616,
293.921

38, 35.881,
295.553

33, 45.506,
297.420

28, 55.389,
299.485

24, 65.225,
301.638

20, 74.314,
303.660

17, 81.469,
305.241

15, 86.279,
306.288

292.519

53, 9.193, 291.322

58, 0.992, 290.347

63, 6.901, 109.421

68, 14.509,
108.682

73, 21.853,
108.046

78, 28.949,
107.497

83, 35.814,
107.022

88, 42.463,
106.610

92, 48.910,

Harmonies

Complementary

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



48, 17.727, 292.519



58, 16.900, 108.194

Rectangle

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



48, 17.727, 292.519



48, 17.727, 342.519



48, 17.727, 112.519



48, 17.727, 162.519

Sweetspot

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



48, 17.726, 292.518



71, 6.023, 290.786



57, 11.068, 198.367



37, 3.985, 290.842



88, 0.010, 296.813



39, 0.006, 296.813

Same Dimension

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



48, 17.726, 292.518



59, 26.061, 293.094



49, 18.604, 310.032



27, 4.642, 291.102



14, 83.488, 306.288



0, 3.085, 290.183

Inverse Universe

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



51, 21.006, 325.562



63, 30.614, 325.788



57, 18.088, 128.133



28, 5.608, 324.911



32, 72.096, 328.238



1, 3.767, 324.442

Previews

White Background



This preview shows how the CIELCh color 48, 17.727, 292.519 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, 17.727, 292.519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

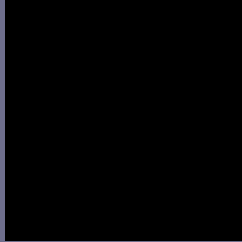
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 17.727, 292.519

Background



This preview shows how black text looks on a background with the CIELCh color 48, 17.727, 292.519.



This preview shows how white text looks on a background with the CIELCh color 48, 17.727, 292.519.

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

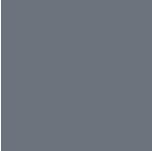
48, 17.727, 292.519

Protanopia

48, 17.178, 285.217

Deuteranopia

48, 17.110, 291.212



Tritanopia
48, 5.898, 263.598

Trichromacy



Original Color
48, 17.727, 292.519

Protanomaly
48, 17.713, 289.008

Deuteranomaly
48, 17.110, 291.212

Tritanomaly
48, 9.576, 280.036

Monochromacy



Original Color
48, 17.727, 292.519

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 6.482, 291.045

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 17.727, 292.519 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(111, 111, 141)` looks like.

```
.text, #text, p{  
    color:rgb(111, 111, 141)  
}
```

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(111, 111, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 111, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 17.727, 292.519 is called "border". The border property can be set on classes, ids or directly on the HTML element.

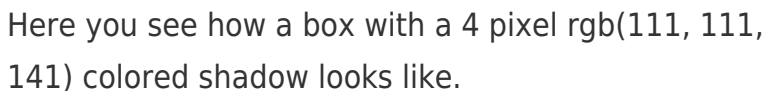
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(111, 111, 141) }
```

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

```
.border{ border-color:rgb(111, 111, 141) }
```

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



Here you see how a box with a 4 pixel `rgb(111, 111, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 111, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 111, 141); box-shadow:4px 4px 4px 4px rgb(111, 111, 141) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 17.727, 292.519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 111, 141) }
```

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

```
.background{ background-color: rgb(111,  
111, 141) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor