

Converting Colors

CIELCh(48, 5.189, 285.493)

Have a look what the booklet for
CIELCh(48, 5.189, 285.493) contains.

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Color

CIELCh(48, 5.322, 286.674)

Conversions

Conversions Part 1

Format	Color
Hex	70717A
RGB	112, 113, 122
RGB Percent	44%, 44%, 48%
CMY	0.5591, 0.5552, 0.5199
CMYK	0.08, 0.07, 0.00, 0.52
HSL	234°, 4%, 46%
HSV	234°, 8%, 48%
XYZ	16.2292, 16.7945, 20.9398
YIQ	113.7270, -3.4850, 2.5870

Conversions

Conversions Part 2

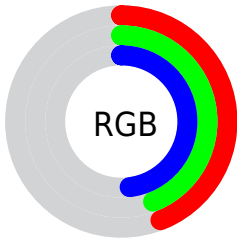
Format	Color
R_YB	112, 113, 122
Decimal	7369082
CIE Lab	48.00, 1.53, -5.10
CIE LCh	48, 5.322, 286.674
Yxy	16.7945, 0.3007, 0.3112
Android (android.graphics.Color)	4285559162 (0xFF70717A)
YUV	113.7270, 4.0786, -1.5146
Hunter-Lab	40.9810, -1.0278, -1.6083

Details

The CIELCh color **48, 5.322, 286.674** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **51, 5.241, 104.974**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 4.971, 286.432**, and **28, 5.201, 286.516** is the 20% darker color. If you saturate the color by 10%, you get **44, 12.028, 287.857**, and if you desaturate by 10%, it is **52, 1.162, 105.557**.

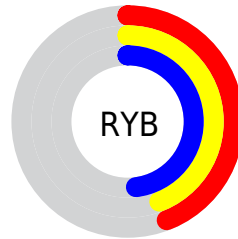
Distribution



Red (44%)

Green (44%)

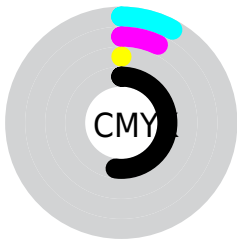
Blue (48%)



Red (44%)

Yellow (44%)

Blue (48%)

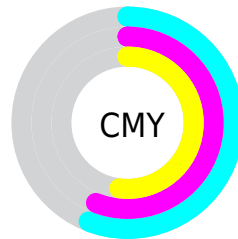


Cyan (8%)

Magenta (7%)

Yellow (0%)

Black (52%)



Cyan (56%)

Magenta (56%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 5.322, 286.674 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, 5.322, 286.674 by changing the saturation by 10% instead.

■ 48, 5.322, 286.674

■ 48, 5.322, 286.674

■ 100, 5.322,
286.674

■ 38, 5.322, 286.674

■ 68, 5.322, 286.674

■ 28, 5.322, 286.674

■ 78, 5.322, 286.674

■ 18, 5.322, 286.674

■ 88, 5.322, 286.674

■ 8, 5.322, 286.674

■ 98, 5.322, 286.674

■ 0, 5.322, 286.674

■ 48, 5.322, 286.674

■ 48, 5.322, 286.674

■ 44, 12.028,
287.857

■ 52, 1.162, 105.557

■ 40, 18.978,

■ 56, 7.435, 104.723

289.253

60, 13.514,
103.959

35, 26.191,
290.879

64, 19.409,
103.293

31, 33.682,
292.756

68, 25.131,
102.709

27, 41.449,
294.890

72, 30.689,
102.196

23, 49.433,
297.244

76, 36.093,
101.743

20, 57.442,
299.713

80, 41.351,
101.341

17, 65.030,
302.102

84, 46.470,
100.982

14, 71.482,
304.060

Harmonies

Complementary

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



48, 5.322, 286.674



51, 5.241, 104.974

Rectangle

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



48, 5.322, 286.674



48, 5.322, 336.674



48, 5.322, 106.674



48, 5.322, 156.674

Sweetspot

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



48, 5.321, 286.666



64, 1.595, 286.058



51, 4.013, 189.270



33, 0.902, 286.047



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, 5.321, 286.666



60, 8.051, 286.895



48, 6.120, 305.285



24, 3.671, 286.764



14, 73.659, 304.365



33, 127.896, 305.245

Inverse Universe

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



48, 4.157, 11.694



61, 6.311, 11.890



51, 6.032, 124.512



24, 2.872, 11.779



25, 57.267, 34.022



53, 99.401, 36.682

Previews

White Background



This preview shows how the CIELCh color 48, 5.322, 286.674 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, 5.322, 286.674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

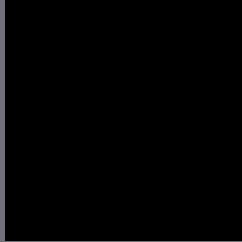
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

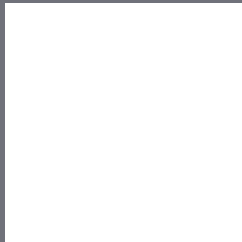
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 48, 5.322, 286.674

Background



This preview shows how black text looks on a background with the CIELCh color 48, 5.322, 286.674.



This preview shows how white text looks on a background with the CIELCh color 48, 5.322, 286.674.

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, 5.322, 286.674

Protanopia

48, 5.313, 290.897

Deuteranopia

48, 8.159, 320.203



Tritanopia
48, 5.322, 286.674

Trichromacy



Original Color

48, 5.322, 286.674

Protanomaly

48, 5.313, 290.897

Deuteranomaly

48, 6.943, 310.994

Tritanomaly

48, 5.322, 286.674

Monochromacy



Original Color

48, 5.322, 286.674

Achromatopsia

48, 0.006, 296.813

Achromatomaly

48, 1.811, 277.685

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 5.322, 286.674 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(112, 113, 122)` looks like.

```
.text, #text, p{  
    color:rgb(112, 113, 122)  
}
```

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(112, 113, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 113, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 5.322, 286.674 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(112, 113, 122) }
```

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

```
.border{ border-color:rgb(112, 113, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 113, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 113, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 113, 122);  
box-shadow:4px 4px 4px 4px rgb(112, 113,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 5.322, 286.674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 113, 122) }
```

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

```
.background{ background-color: rgb(112,  
113, 122) }
```

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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