

Converting Colors

CIELCh(48, 8.322, 296.991)

Have a look what the booklet for
CIELCh(48, 8.322, 296.991) contains.

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Color

CIELCh(48, 8.321, 296.635)

Conversions

Conversions Part 1

Format	Color
Hex	72707E
RGB	114, 112, 126
RGB Percent	45%, 44%, 49%
CMY	0.5514, 0.5593, 0.5043
CMYK	0.09, 0.11, 0.00, 0.50
HSL	249°, 6%, 47%
HSV	249°, 11%, 50%
XYZ	16.6190, 16.7945, 22.2390
YIQ	114.1940, -3.3020, 4.7780

Conversions

Conversions Part 2

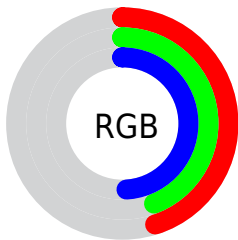
Format	Color
R_{YB}	114, 112, 126
Decimal	7499902
CIE Lab	48.00, 3.73, -7.44
CIE LCh	48, 8.321, 296.635
Yxy	16.7945, 0.2986, 0.3018
Android (android.graphics.Color)	4285689982 (0xFF72707E)
YUV	114.1940, 5.8204, -0.1701
Hunter-Lab	40.9810, 0.6701, -3.4880

Details

The CIELCh color $48, 8.321, 296.635$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $52, 8.124, 114.982$, and the grayscale version is $48, 0.006, 296.813$.

A 20% lighter version of the original color is $68, 8.318, 296.074$, and $28, 8.502, 297.445$ is the 20% darker color. If you saturate the color by 10%, you get $44, 16.126, 297.526$, and if you desaturate by 10%, it is $52, 0.803, 295.865$.

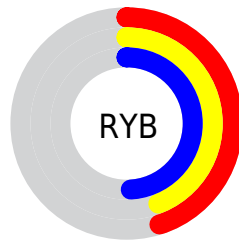
Distribution



Red (45%)

Green (44%)

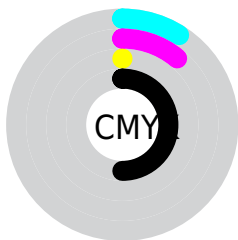
Blue (49%)



Red (45%)

Yellow (44%)

Blue (49%)

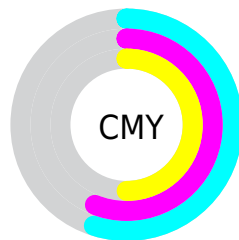


Cyan (9%)

Magenta (11%)

Yellow (0%)

Black (50%)



Cyan (55%)

Magenta (56%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 8.321, 296.635 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, 8.321, 296.635 by changing the saturation by 10% instead.

■ 48, 8.321, 296.635

■ 48, 8.321, 296.635

■ 100, 8.321,
296.635

■ 38, 8.321, 296.635

■ 68, 8.321, 296.635

■ 28, 8.321, 296.635

■ 78, 8.321, 296.635

■ 18, 8.321, 296.635

■ 88, 8.321, 296.635

■ 8, 8.321, 296.635

■ 98, 8.321, 296.635

■ 0, 8.321, 296.635

■ 48, 8.321, 296.635

■ 48, 8.321, 296.635

■ 44, 16.126,
297.526

■ 52, 0.803, 295.865

■ 39, 24.235,

■ 57, 6.440, 115.187

298.555

61, 13.426,
114.612

35, 32.645,
299.726

66, 20.173,
114.115

30, 41.321,
301.034

70, 26.696,
113.686

26, 50.155,
302.447

74, 33.009,
113.315

22, 58.888,
303.889

79, 39.127,
112.994

18, 66.998,
305.214

83, 45.060,
112.715

16, 73.631,
306.210

87, 50.822,
112.473

14, 78.627,
307.023

Harmonies

Complementary

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



48, 8.321, 296.635



52, 8.124, 114.982

Rectangle

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



48, 8.321, 296.635



48, 8.321, 346.635



48, 8.321, 116.635



48, 8.321, 166.635

Sweetspot

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



48, 8.320, 296.631



65, 2.740, 296.004



51, 4.803, 212.115



33, 2.068, 296.057



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



48, 8.320, 296.631



60, 12.078, 296.819



49, 9.000, 314.016



24, 4.246, 296.469



14, 79.126, 307.017



0, 0.000, 0.000

Inverse Universe

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



49, 9.036, 329.219



61, 13.080, 329.351



52, 8.903, 133.148



25, 4.623, 329.100



29, 62.031, 334.636



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 48, 8.321, 296.635 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, 8.321, 296.635 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

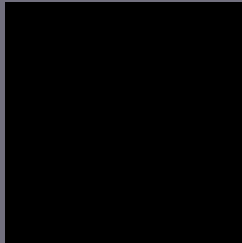
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

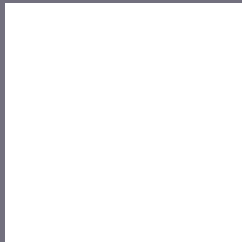
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 48, 8.321, 296.635

Background



This preview shows how black text looks on a background with the CIELCh color 48, 8.321, 296.635.



This preview shows how white text looks on a background with the CIELCh color 48, 8.321, 296.635.

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, 8.321, 296.635

Protanopia

48, 8.264, 288.615

Deuteranopia

48, 9.994, 309.608



Tritanopia
48, 5.333, 295.127

Trichromacy



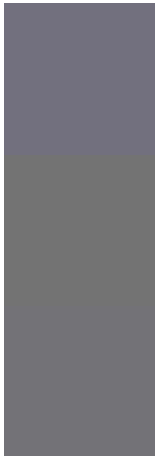
Original Color
48, 8.321, 296.635

Protanomaly
48, 8.261, 291.283

Deuteranomaly
48, 9.096, 303.688

Tritanomaly
48, 6.510, 294.491

Monochromacy



Original Color
48, 8.321, 296.635

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 2.982, 298.265

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 8.321, 296.635 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(114, 112, 126)` looks like.

```
.text, #text, p{  
    color:rgb(114, 112, 126)  
}
```

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(114, 112, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 112, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 8.321, 296.635 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(114, 112, 126) }
```

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

```
.border{ border-color:rgb(114, 112, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 112, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 112, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 112, 126);  
box-shadow:4px 4px 4px 4px rgb(114, 112,  
126) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 8.321, 296.635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 112, 126) }
```

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

```
.background{ background-color: rgb(114,  
112, 126) }
```

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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