

Converting Colors

CIELCh(48, 5.050, 329.413)

Have a look what the booklet for
CIELCh(48, 5.050, 329.413) contains.

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Color

CIELCh(48, 4.814, 332.704)

Conversions

Conversions Part 1

Format	Color
Hex	787076
RGB	120, 112, 118
RGB Percent	47%, 44%, 46%
CMY	0.5306, 0.5619, 0.5384
CMYK	0.00, 0.07, 0.02, 0.53
HSL	315°, 3%, 45%
HSV	315°, 7%, 47%
XYZ	16.7168, 16.7945, 19.4060
YIQ	115.0760, 2.8420, 3.5620

Conversions

Conversions Part 2

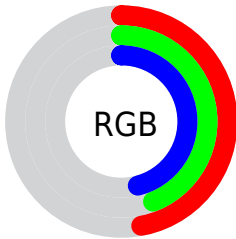
Format	Color
R_{YB}	120, 112, 118
Decimal	7893110
CIE Lab	48.00, 4.28, -2.21
CIE LCh	48, 4.814, 332.704
Yxy	16.7945, 0.3159, 0.3174
Android (android.graphics.Color)	4286083190 (0xFF787076)
YUV	115.0760, 1.4415, 4.3183
Hunter-Lab	40.9810, 1.0962, 0.6108

Details

The CIELCh color **48, 4.814, 332.704** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **49, 4.794, 151.966**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 4.503, 332.570**, and **28, 5.274, 332.955** is the 20% darker color. If you saturate the color by 10%, you get **45, 12.093, 333.373**, and if you desaturate by 10%, it is **51, 2.362, 152.238**.

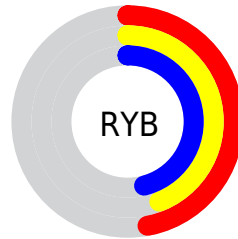
Distribution



Red (47%)

Green (44%)

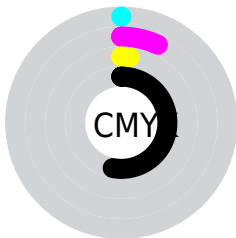
Blue (46%)



Red (47%)

Yellow (44%)

Blue (46%)

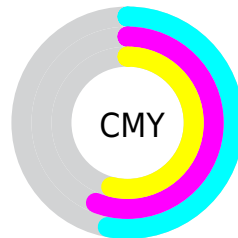


Cyan (0%)

Magenta (7%)

Yellow (2%)

Black (53%)



Cyan (53%)

Magenta (56%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 4.814, 332.704 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, 4.814, 332.704 by changing the saturation by 10% instead.

■ 48, 4.814, 332.704

■ 48, 4.814, 332.704

■ 100, 4.814,
332.704

■ 38, 4.814, 332.704

■ 68, 4.814, 332.704

■ 28, 4.814, 332.704

■ 78, 4.814, 332.704

■ 18, 4.814, 332.704

■ 88, 4.814, 332.704

■ 8, 4.814, 332.704

■ 98, 4.814, 332.704

■ 0, 4.814, 332.704

■ 48, 4.814, 332.704

■ 48, 4.814, 332.704

■ 45, 12.093,
333.373

■ 51, 2.362, 152.238

■ 41, 19.395,

■ 55, 9.379, 151.590

334.049

59, 16.209,
151.030

38, 26.589,
334.755

62, 22.842,
150.506

35, 33.488,
335.498

66, 29.275,
150.011

33, 39.850,
336.288

69, 35.512,
149.545

30, 45.377,
337.139

73, 41.564,
149.104

29, 49.759,
338.079

77, 47.440,
148.689

27, 52.735,
339.143

80, 53.151,
148.298

26, 54.398,
340.348

Harmonies

Complementary

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



48, 4.814, 332.704



49, 4.794, 151.966

Rectangle

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



48, 4.814, 332.704



48, 4.814, 22.704



48, 4.814, 152.704



48, 4.814, 202.704

Sweetspot

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



48, 4.812, 332.706



63, 1.783, 332.317



48, 4.806, 300.310



33, 1.022, 332.295



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, 4.812, 332.706



61, 7.151, 332.810



48, 3.484, 0.016



23, 3.995, 332.865



27, 55.783, 340.783



56, 93.692, 341.678

Inverse Universe

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



48, 4.812, 332.706



61, 7.151, 332.810



50, 3.407, 179.039



23, 3.995, 332.865



27, 55.783, 340.783



56, 93.692, 341.678

Previews

White Background



This preview shows how the CIELCh color 48, 4.814, 332.704 looks on a white background.

Color Contrast Check

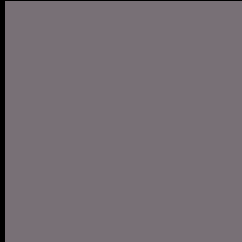
Large Text (above 18pt) WCAG AA ✓ Pass

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, 4.814, 332.704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

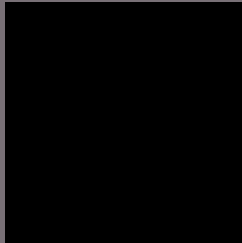
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 4.814, 332.704

Background



This preview shows how black text looks on a background with the CIELCh color 48, 4.814, 332.704.



This preview shows how white text looks on a background with the CIELCh color 48, 4.814, 332.704.

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

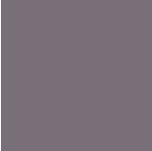
48, 4.814, 332.704

Protanopia

48, 3.643, 303.299

Deuteranopia

48, 7.096, 338.640



Tritanopia
48, 6.454, 324.806

Trichromacy



Original Color

48, 4.814, 332.704

Protanomaly

48, 3.905, 314.837

Deuteranomaly

48, 6.095, 337.563

Tritanomaly

48, 5.979, 327.994

Monochromacy



Original Color

48, 4.814, 332.704

Achromatopsia

48, 0.006, 296.813

Achromatomaly

48, 1.704, 335.697

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 4.814, 332.704 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(120, 112, 118)` looks like.

```
.text, #text, p{  
    color:rgb(120, 112, 118)  
}
```

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(120, 112, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 112, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 4.814, 332.704 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(120, 112, 118) }
```

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

```
.border{ border-color:rgb(120, 112, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 112, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 112, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 112, 118);  
box-shadow:4px 4px 4px 4px rgb(120, 112,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 4.814, 332.704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 112, 118) }
```

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

```
.background{ background-color: rgb(120,  
112, 118) }
```

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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