

Converting Colors

CIELCh(48, 5.631, 334.179)

Have a look what the booklet for
CIELCh(48, 5.631, 334.179) contains.

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Color

CIELCh(48, 5.804, 334.782)

Conversions

Conversions Part 1

Format	Color
Hex	796F76
RGB	121, 111, 118
RGB Percent	47%, 44%, 46%
CMY	0.5248, 0.5640, 0.5366
CMYK	0.00, 0.08, 0.02, 0.52
HSL	318°, 4%, 46%
HSV	318°, 8%, 48%
XYZ	16.8916, 16.7945, 19.5435
YIQ	114.7880, 3.7130, 4.2970

Conversions

Conversions Part 2

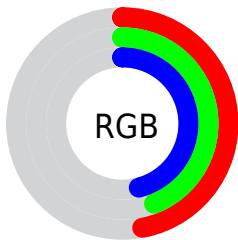
Format	Color
R_{YB}	121, 111, 118
Decimal	7958390
CIE Lab	48.00, 5.25, -2.47
CIE LCh	48, 5.804, 334.782
Yxy	16.7945, 0.3173, 0.3155
Android (android.graphics.Color)	4286148470 (0xFF796F76)
YUV	114.7880, 1.5835, 5.4479
Hunter-Lab	40.9810, 1.8575, 0.4119

Details

The CIELCh color **48, 5.804, 334.782** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **50, 5.775, 153.781**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 5.428, 334.616**, and **28, 6.057, 332.001** is the 20% darker color. If you saturate the color by 10%, you get **45, 12.916, 335.489**, and if you desaturate by 10%, it is **52, 1.209, 154.375**.

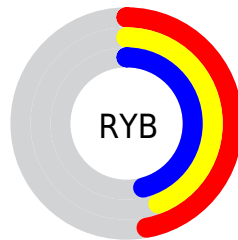
Distribution



Red (47%)

Green (44%)

Blue (46%)



Red (47%)

Yellow (44%)

Blue (46%)

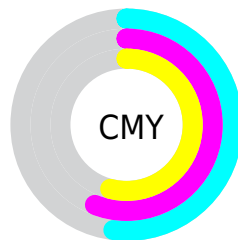


Cyan (0%)

Magenta (8%)

Yellow (2%)

Black (52%)



Cyan (52%)

Magenta (56%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 5.804, 334.782 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, 5.804, 334.782 by changing the saturation by 10% instead.

■ 48, 5.804, 334.782

■ 48, 5.804, 334.782

■ 100, 5.804,
334.782

■ 38, 5.804, 334.782

■ 68, 5.804, 334.782

■ 28, 5.804, 334.782

■ 78, 5.804, 334.782

■ 18, 5.804, 334.782

■ 88, 5.804, 334.782

■ 8, 5.804, 334.782

■ 98, 5.804, 334.782

■ 0, 5.804, 334.782

■ 48, 5.804, 334.782

■ 48, 5.804, 334.782

■ 45, 12.916,
335.489

■ 52, 1.209, 154.375

■ 41, 20.042,

■ 55, 8.066, 153.603

336.220

59, 14.739,
153.016

38, 27.048,
336.996

62, 21.216,
152.470

35, 33.742,
337.832

66, 27.495,
151.957

33, 39.869,
338.743

70, 33.582,
151.473

30, 45.129,
339.760

73, 39.485,
151.018

28, 49.207,
340.921

77, 45.215,
150.589

27, 51.854,
342.284

81, 50.783,
150.185

26, 53.338,
343.838

Harmonies

Complementary

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



48, 5.804, 334.782



50, 5.775, 153.781

Rectangle

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



48, 5.804, 334.782



48, 5.804, 24.782



48, 5.804, 154.782



48, 5.804, 204.782

Sweetspot

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



48, 5.802, 334.784



64, 1.743, 334.258



47, 6.052, 302.260



33, 0.985, 334.235



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, 5.802, 334.784



61, 8.753, 334.925



48, 4.278, 3.898



24, 3.995, 334.843



27, 54.762, 344.173



56, 91.270, 345.319

Inverse Universe

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



48, 5.802, 334.784



61, 8.753, 334.925



50, 4.146, 182.636



24, 3.995, 334.843



27, 54.762, 344.173



56, 91.270, 345.319

Previews

White Background



This preview shows how the CIELCh color 48, 5.804, 334.782 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 CIELCh color 48, 5.804, 334.782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

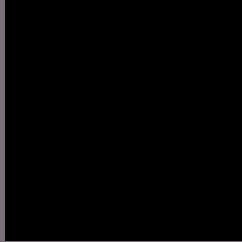
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 5.804, 334.782

Background



This preview shows how black text looks on a background with the CIELCh color 48, 5.804, 334.782.



This preview shows how white text looks on a background with the CIELCh color 48, 5.804, 334.782.

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

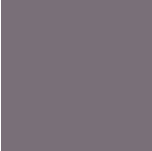
48, 5.804, 334.782

Protanopia

48, 3.572, 297.057

Deuteranopia

48, 6.400, 340.096



Tritanopia
48, 6.689, 327.697

Trichromacy



Original Color

48, 5.804, 334.782

Protanomaly

48, 4.616, 316.390

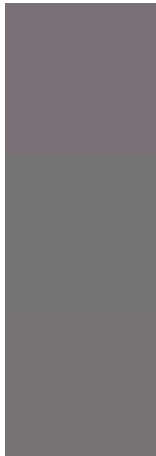
Deuteranomaly

48, 6.095, 337.563

Tritanomaly

48, 6.234, 330.983

Monochromacy



Original Color

48, 5.804, 334.782

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, 5.804, 334.782 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(121, 111, 118)` looks like.

```
.text, #text, p{  
    color:rgb(121, 111, 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(121, 111, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 111, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 5.804, 334.782 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(121, 111, 118) }
```

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

```
.border{ border-color:rgb(121, 111, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 111, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 111, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 111, 118);  
box-shadow:4px 4px 4px 4px rgb(121, 111,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 5.804, 334.782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 111, 118) }
```

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

```
.background{ background-color: rgb(121,  
111, 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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