

Converting Colors

CIELCh(48, 8.066, 348.630)

Have a look what the booklet for
CIELCh(48, 8.066, 348.630) contains.

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Color

CIELCh(48, 7.734, 348.215)

Conversions

Conversions Part 1

Format	Color
Hex	7E6E75
RGB	126, 110, 117
RGB Percent	49%, 43%, 46%
CMY	0.5069, 0.5696, 0.5421
CMYK	0.00, 0.13, 0.07, 0.51
HSL	334°, 7%, 46%
HSV	334°, 13%, 49%
XYZ	17.3133, 16.7945, 19.0829
YIQ	115.5820, 7.2890, 5.5690

Conversions

Conversions Part 2

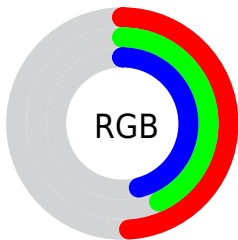
Format	Color
R_{YB}	126, 110, 117
Decimal	8285813
CIE Lab	48.00, 7.57, -1.58
CIE LCh	48, 7.734, 348.215
Yxy	16.7945, 0.3255, 0.3157
Android (android.graphics.Color)	4286475893 (0xFF7E6E75)
YUV	115.5820, 0.6991, 9.1366
Hunter-Lab	40.9810, 3.6942, 1.0782

Details

The CIELCh color $48, 7.734, 348.215$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $51, 7.574, 166.126$, and the grayscale version is $49, 0.006, 296.813$.

A 20% lighter version of the original color is $68, 7.555, 349.489$, and $28, 8.101, 347.042$ is the 20% darker color. If you saturate the color by 10%, you get $44, 13.974, 349.212$, and if you desaturate by 10%, it is $52, 1.631, 347.202$.

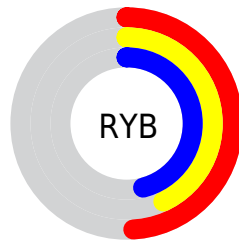
Distribution



Red (49%)

Green (43%)

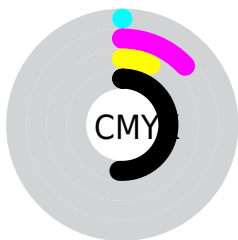
Blue (46%)



Red (49%)

Yellow (43%)

Blue (46%)

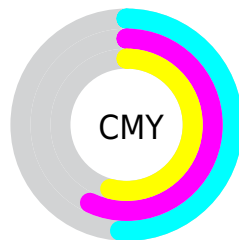


Cyan (0%)

Magenta (13%)

Yellow (7%)

Black (51%)



Cyan (51%)

Magenta (57%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 7.734, 348.215 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, 7.734, 348.215 by changing the saturation by 10% instead.

■ 48, 7.734, 348.215

■ 48, 7.734, 348.215

■ 100, 7.734,
348.215

■ 38, 7.734, 348.215

■ 68, 7.734, 348.215

■ 28, 7.734, 348.215

■ 78, 7.734, 348.215

■ 18, 7.734, 348.215

■ 88, 7.734, 348.215

■ 8, 7.734, 348.215

■ 98, 7.734, 348.215

■ 0, 7.734, 348.215

■ 48, 7.734, 348.215

■ 48, 7.734, 348.215

■ 44, 13.974,
349.212

■ 52, 1.631, 347.202

■ 41, 20.276,

■ 55, 4.286, 166.674

350.325

59, 9.996, 165.917

38, 26.507,
351.608

63, 15.497,
165.250

35, 32.476,
353.119

67, 20.793,
164.640

32, 37.932,
354.941

71, 25.894,
164.077

30, 42.582,
357.187

74, 30.813,
163.556

28, 46.158,
359.999

78, 35.564,
163.070

27, 48.520, 3.530

82, 40.161,
162.618

26, 50.001, 6.277

Harmonies

Complementary

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



48, 7.734, 348.215



51, 7.574, 166.126

Rectangle

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



48, 7.734, 348.215



48, 7.734, 38.215



48, 7.734, 168.215



48, 7.734, 218.215

Sweetspot

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



48, 7.732, 348.219



65, 2.976, 347.379



48, 10.111, 311.316



33, 2.106, 347.451



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, 7.732, 348.219



60, 11.327, 348.472



48, 6.358, 24.314



25, 3.450, 347.879



26, 50.501, 6.350



0, 0.000, 0.000

Inverse Universe

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



48, 7.732, 348.219



60, 11.327, 348.472



51, 5.874, 203.412



25, 3.450, 347.879



26, 50.501, 6.350



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 48, 7.734, 348.215 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, 7.734, 348.215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

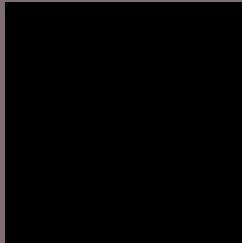
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 7.734, 348.215

Background



This preview shows how black text looks on a background with the CIELCh color 48, 7.734, 348.215.



This preview shows how white text looks on a background with the CIELCh color 48, 7.734, 348.215.

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, 7.734, 348.215

Protanopia

48, 3.643, 303.299

Deuteranopia

48, 7.054, 344.520



Tritanopia
48, 8.051, 344.647

Trichromacy



Original Color
48, 7.734, 348.215

Protanomaly
48, 4.551, 328.899

Deuteranomaly
48, 7.390, 346.448

Tritanomaly
48, 8.051, 344.647

Monochromacy



Original Color
48, 7.734, 348.215

Achromatopsia
48, 0.006, 296.813

Achromatomaly
48, 3.024, 343.953

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 7.734, 348.215 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(126, 110, 117)` looks like.

```
.text, #text, p{  
    color:rgb(126, 110, 117)  
}
```

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(126, 110, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 110, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 7.734, 348.215 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(126, 110, 117) }
```

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

```
.border{ border-color:rgb(126, 110, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 110, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 110, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 110, 117);  
box-shadow:4px 4px 4px 4px rgb(126, 110,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 7.734, 348.215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 110, 117) }
```

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

```
.background{ background-color: rgb(126,  
110, 117) }
```

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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