

Converting Colors

CIELCh(48, 3.356, 330.309)

Have a look what the booklet for
CIELCh(48, 3.356, 330.309) contains.

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Color

CIELCh(48, 3.840, 329.629)

Conversions

Conversions Part 1

Format	Color
Hex	767075
RGB	118, 112, 117
RGB Percent	46%, 44%, 46%
CMY	0.5364, 0.5599, 0.5403
CMYK	0.00, 0.05, 0.01, 0.54
HSL	310°, 3%, 45%
HSV	310°, 5%, 46%
XYZ	16.5447, 16.7945, 19.2686
YIQ	114.3640, 1.9710, 2.8270

Conversions

Conversions Part 2

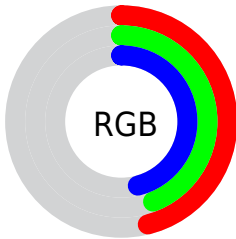
Format	Color
R_{YB}	118, 112, 117
Decimal	7762037
CIE Lab	48.00, 3.31, -1.94
CIE LCh	48, 3.840, 329.629
Yxy	16.7945, 0.3145, 0.3192
Android (android.graphics.Color)	4285952117 (0xFF767075)
YUV	114.3640, 1.2995, 3.1888
Hunter-Lab	40.9810, 0.3464, 0.8095

Details

The CIELCh color **48, 3.840, 329.629** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **49, 3.825, 149.149**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 3.591, 329.526**, and **28, 4.210, 329.816** is the 20% darker color. If you saturate the color by 10%, you get **45, 11.467, 330.250**, and if you desaturate by 10%, it is **51, 3.678, 149.175**.

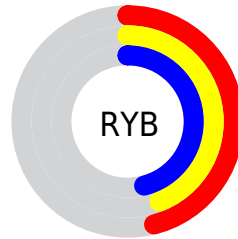
Distribution



Red (46%)

Green (44%)

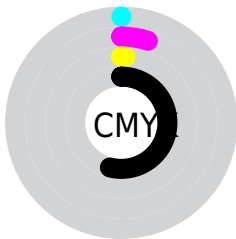
Blue (46%)



Red (46%)

Yellow (44%)

Blue (46%)

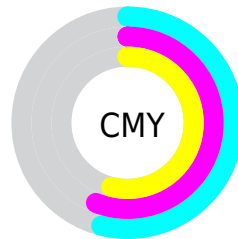


Cyan (0%)

Magenta (5%)

Yellow (1%)

Black (54%)



Cyan (54%)

Magenta (56%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 3.840, 329.629 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, 3.840, 329.629 by changing the saturation by 10% instead.

■ 48, 3.840, 329.629

■ 48, 3.840, 329.629

■ 100, 3.840,
329.629

■ 38, 3.840, 329.629

■ 68, 3.840, 329.629

■ 28, 3.840, 329.629

■ 78, 3.840, 329.629

■ 18, 3.840, 329.629

■ 88, 3.840, 329.629

■ 8, 3.840, 329.629

■ 98, 3.840, 329.629

■ 0, 3.840, 329.629

■ 48, 3.840, 329.629

■ 48, 3.840, 329.629

■ 45, 11.467,
330.250

■ 51, 3.678, 149.175

■ 41, 19.121,

■ 55, 11.030,
148.596

330.858

58, 18.190,
148.070

38, 26.675,
331.475

62, 25.144,
147.574

36, 33.945,
332.101

65, 31.890,
147.103

33, 40.693,
332.735

69, 38.433,
146.659

31, 46.629,
333.380

73, 44.780,
146.239

29, 51.447,
334.042

76, 50.942,
145.843

27, 54.882,
334.735

80, 56.931,
145.471

26, 56.900,
335.476

Harmonies

Complementary

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



48, 3.840, 329.629



49, 3.825, 149.149

Rectangle

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



48, 3.840, 329.629



48, 3.840, 19.629



48, 3.840, 149.629



48, 3.840, 199.629

Sweetspot

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



48, 3.838, 329.631



62, 1.867, 329.379



48, 3.577, 297.060



32, 1.055, 329.359



82, 0.010, 296.813



33, 0.005, 296.813

Same Dimension

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



48, 3.838, 329.631



61, 5.608, 329.702



48, 2.726, 354.019



23, 2.962, 329.713



27, 59.203, 335.871



57, 99.692, 336.376

Inverse Universe

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



48, 3.838, 329.631



61, 5.608, 329.702



49, 2.688, 173.372



23, 2.962, 329.713



27, 59.203, 335.871



57, 99.692, 336.376

Previews

White Background



This preview shows how the CIELCh color 48, 3.840, 329.629 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, 3.840, 329.629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

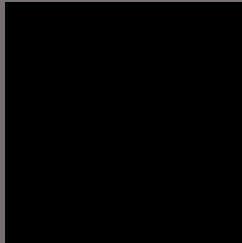
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 3.840, 329.629

Background



This preview shows how black text looks on a background with the CIELCh color 48, 3.840, 329.629.



This preview shows how white text looks on a background with the CIELCh color 48, 3.840, 329.629.

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, 3.840, 329.629

Protanopia

48, 3.071, 305.680

Deuteranopia

48, 7.096, 338.640



Tritanopia
48, 6.030, 318.427

Trichromacy



Original Color

48, 3.840, 329.629

Protanomaly

48, 3.203, 312.618

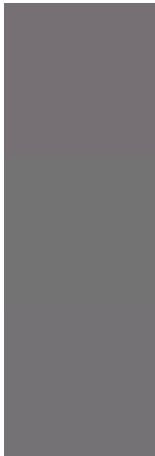
Deuteranomaly

48, 5.804, 334.782

Tritanomaly

48, 5.518, 321.276

Monochromacy



Original Color

48, 3.840, 329.629

Achromatopsia

48, 0.006, 296.813

Achromatomaly

48, 1.441, 324.412

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 3.840, 329.629 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(118, 112, 117)` looks like.

```
.text, #text, p{  
    color:rgb(118, 112, 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(118, 112, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 112, 117) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 3.840, 329.629 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(118, 112, 117) }
```

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

```
.border{ border-color:rgb(118, 112, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(118, 112, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 112, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 112, 117);  
box-shadow:4px 4px 4px 4px rgb(118, 112,  
117) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 3.840, 329.629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 112, 117) }
```

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

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