

Converting Colors

CIELCh(50, 4.854, 348.446)

Have a look what the booklet for
CIELCh(50, 4.854, 348.446) contains.

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Color

CIELCh(50, 5.339, 346.838)

Conversions

Conversions Part 1

Format	Color
Hex	7F7479
RGB	127, 116, 121
RGB Percent	50%, 45%, 47%
CMY	0.5015, 0.5447, 0.5251
CMYK	0.00, 0.09, 0.05, 0.50
HSL	333°, 5%, 48%
HSV	333°, 9%, 50%
XYZ	18.4838, 18.4187, 20.7044
YIQ	119.8590, 4.9510, 3.8870

Conversions

Conversions Part 2

Format	Color
R_{YB}	127, 116, 121
Decimal	8352889
CIE Lab	50.00, 5.20, -1.22
CIE LCh	50, 5.339, 346.838
Yxy	18.4187, 0.3209, 0.3197
Android (android.graphics.Color)	4286542969 (0xFF7F7479)
YUV	119.8590, 0.5625, 6.2627
Hunter-Lab	42.9170, 1.7730, 1.4386

Details

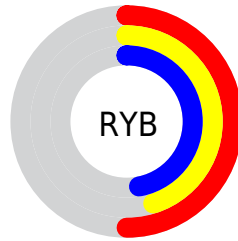
The CIELCh color **50, 5.339, 346.838** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **52, 5.264, 165.524**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 5.321, 348.907**, and **30, 5.469, 344.591** is the 20% darker color. If you saturate the color by 10%, you get **46, 11.646, 347.790**, and if you desaturate by 10%, it is **54, 0.813, 166.449**.

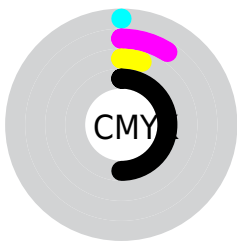
Distribution



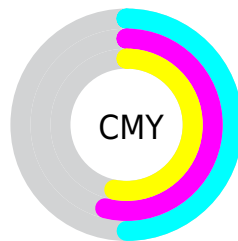
- Red (50%)
- Green (45%)
- Blue (47%)



- Red (50%)
- Yellow (45%)
- Blue (47%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (50%)



- Cyan (50%)
- Magenta (54%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 5.339, 346.838 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 50, 5.339, 346.838 by changing the saturation by 10% instead.

■ 50, 5.339, 346.838

■ 50, 5.339, 346.838

■ 100, 5.339,
346.838

■ 40, 5.339, 346.838

■ 70, 5.339, 346.838

■ 30, 5.339, 346.838

■ 80, 5.339, 346.838

■ 20, 5.339, 346.838

■ 90, 5.339, 346.838

■ 10, 5.339, 346.838

■ 0, 5.339, 346.838

■ 50, 5.339, 346.838

■ 50, 5.339, 346.838

■ 46, 11.646,
347.790

■ 54, 0.813, 166.449

■ 43, 18.045,
348.829

■ 58, 6.770, 165.374

■ 61, 12.519,

39, 24.422,
350.010

164.668

36, 30.606,
351.384

65, 18.058,
164.030

33, 36.364,
353.018

69, 23.395,
163.443

31, 41.407,
355.010

73, 28.541,
162.900

29, 45.438,
357.486

77, 33.508,
162.395

27, 48.244, 0.597

81, 38.312,
161.924

26, 50.145, 4.259

84, 42.965,
161.484

Harmonies

Complementary

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



50, 5.339, 346.838



52, 5.264, 165.524

Rectangle

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



50, 5.339, 346.838



50, 5.339, 36.838



50, 5.339, 166.838



50, 5.339, 216.838

Sweetspot

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



50, 5.337, 346.844



67, 2.284, 346.270



50, 6.881, 310.570



35, 1.746, 346.362



85, 0.010, 296.813



36, 0.005, 296.813

Same Dimension

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



50, 5.337, 346.844



63, 7.679, 346.991



50, 4.365, 22.616



25, 3.487, 346.886



26, 50.531, 4.759



0, 0.000, 0.000

Inverse Universe

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



50, 5.337, 346.844



63, 7.679, 346.991



52, 4.141, 202.014



25, 3.487, 346.886



26, 50.531, 4.759



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 50, 5.339, 346.838 looks on a white background.

Color Contrast Check

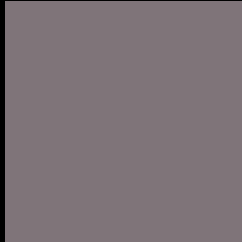
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 50, 5.339, 346.838 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

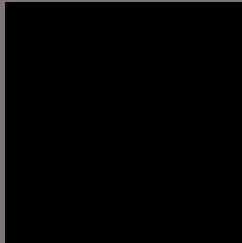
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 5.339, 346.838

Background



This preview shows how black text looks on a background with the CIELCh color 50, 5.339, 346.838.



This preview shows how white text looks on a background with the CIELCh color 50, 5.339, 346.838.

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

50, 5.339, 346.838

Protanopia

50, 2.488, 309.172

Deuteranopia

50, 6.685, 348.575



Tritanopia
50, 7.151, 332.891

Trichromacy



Original Color
50, 5.339, 346.838

Protanomaly
50, 3.811, 329.617

Deuteranomaly
50, 6.342, 346.575

Tritanomaly
50, 6.738, 336.263

Monochromacy



Original Color
50, 5.339, 346.838

Achromatopsia
50, 0.007, 296.813

Achromatomaly
50, 1.723, 359.602

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 5.339, 346.838 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(127, 116, 121)` looks like.

```
.text, #text, p{  
    color:rgb(127, 116, 121)  
}
```

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(127, 116, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 116, 121) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 5.339, 346.838 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(127, 116, 121) }
```

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

```
.border{ border-color:rgb(127, 116, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 116, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(127, 116, 121); -webkit-box-shadow:4px 4px 4px 4px rgb(127, 116, 121); box-shadow:4px 4px 4px 4px rgb(127, 116, 121) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 5.339, 346.838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 116, 121) }
```

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

```
.background{ background-color: rgb(127,  
116, 121) }
```

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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