

Converting Colors

CIELCh(50, 3.211, 349.802)

Have a look what the booklet for
CIELCh(50, 3.211, 349.802) contains.

CIELCh(50, 3.342, 348.069)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(50, 3.342, 348.069)

Conversions

Conversions Part 1

Format	Color
Hex	7C7578
RGB	124, 117, 120
RGB Percent	49%, 46%, 47%
CMY	0.5131, 0.5405, 0.5288
CMYK	0.00, 0.06, 0.03, 0.51
HSL	334°, 3%, 47%
HSV	334°, 6%, 49%
XYZ	18.1170, 18.4187, 20.4223
YIQ	119.4350, 3.2090, 2.4170

Conversions

Conversions Part 2

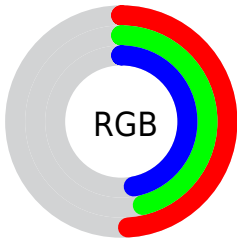
Format	Color
R_{YB}	124, 117, 120
Decimal	8156536
CIE Lab	50.00, 3.27, -0.69
CIE LCh	50, 3.342, 348.069
Yxy	18.4187, 0.3181, 0.3234
Android (android.graphics.Color)	4286346616 (0xFF7C7578)
YUV	119.4350, 0.2785, 4.0035
Hunter-Lab	42.9170, 0.2474, 1.8284

Details

The CIELCh color **50, 3.342, 348.069** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **51, 3.303, 167.325**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 3.457, 351.260**, and **30, 3.286, 344.184** is the 20% darker color. If you saturate the color by 10%, you get **46, 9.393, 349.043**, and if you desaturate by 10%, it is **54, 2.536, 167.477**.

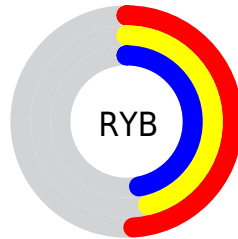
Distribution



Red (49%)

Green (46%)

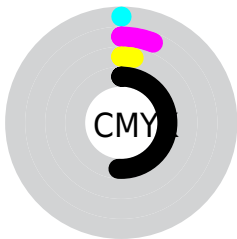
Blue (47%)



Red (49%)

Yellow (46%)

Blue (47%)

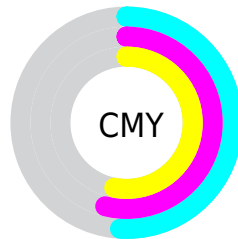


Cyan (0%)

Magenta (6%)

Yellow (3%)

Black (51%)



Cyan (51%)

Magenta (54%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 3.342, 348.069 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, 3.342, 348.069 by changing the saturation by 10% instead.

■ 50, 3.342, 348.069

■ 50, 3.342, 348.069

■ 100, 3.342,
348.069

■ 40, 3.342, 348.069

■ 70, 3.342, 348.069

■ 30, 3.342, 348.069

■ 80, 3.342, 348.069

■ 20, 3.342, 348.069

■ 90, 3.342, 348.069

■ 10, 3.342, 348.069

■ 0, 3.342, 348.069

■ 50, 3.342, 348.069

■ 50, 3.342, 348.069

■ 46, 9.393, 349.043

■ 54, 2.536, 167.477

■ 43, 15.569,
350.074

■ 57, 8.212, 166.656

■ 61, 13.678,

39, 21.778,
351.243

165.966

36, 27.876,
352.601

65, 18.939,
165.340

33, 33.659,
354.215

69, 24.004,
164.763

31, 38.865,
356.176

73, 28.884,
164.229

29, 43.205,
358.609

76, 33.595,
163.734

27, 46.442, 1.664

80, 38.149,
163.272

26, 48.603, 5.416

84, 42.560,
162.840

Harmonies

Complementary

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



50, 3.342, 348.069



51, 3.303, 167.325

Rectangle

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



50, 3.342, 348.069



50, 3.342, 38.069



50, 3.342, 168.069



50, 3.342, 218.069

Sweetspot

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



50, 3.341, 348.079



65, 1.458, 347.617



50, 4.414, 311.567



34, 0.836, 347.586



84, 0.010, 296.813



35, 0.005, 296.813

Same Dimension

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



50, 3.341, 348.079



63, 5.132, 348.231



50, 2.672, 25.401



24, 2.645, 348.238



26, 49.773, 7.095



54, 83.951, 9.983

Inverse Universe

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



50, 3.341, 348.079



63, 5.132, 348.231



51, 2.582, 205.324



24, 2.645, 348.238



26, 49.773, 7.095



54, 83.951, 9.983

Previews

White Background



This preview shows how the CIELCh color 50, 3.342, 348.069 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, 3.342, 348.069 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

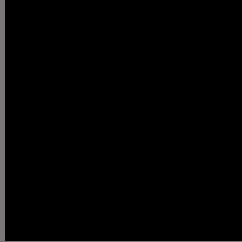
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

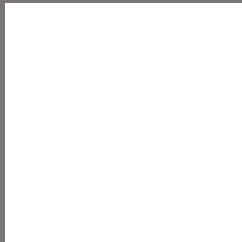
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 50, 3.342, 348.069

Background



This preview shows how black text looks on a background with the CIELCh color 50, 3.342, 348.069.



This preview shows how white text looks on a background with the CIELCh color 50, 3.342, 348.069.

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

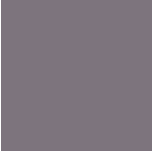
50, 3.342, 348.069

Protanopia

50, 1.944, 314.706

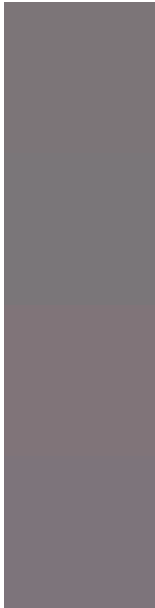
Deuteranopia

50, 7.036, 350.387



Tritanopia
50, 6.406, 324.791

Trichromacy



Original Color

50, 3.342, 348.069

Protanomaly

50, 2.395, 332.447

Deuteranomaly

50, 5.684, 349.152

Tritanomaly

50, 5.486, 331.711

Monochromacy



Original Color

50, 3.342, 348.069

Achromatopsia

50, 0.007, 296.813

Achromatomaly

50, 1.350, 353.665

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 50, 3.342, 348.069 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(124, 117, 120)` looks like.

```
.text, #text, p{  
    color:rgb(124, 117, 120)  
}
```

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(124, 117, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 117, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 3.342, 348.069 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(124, 117, 120) }
```

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

```
.border{ border-color:rgb(124, 117, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 117, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 117, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 117, 120);  
box-shadow:4px 4px 4px 4px rgb(124, 117,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 3.342, 348.069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 117, 120) }
```

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

```
.background{ background-color: rgb(124,  
117, 120) }
```

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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