

Converting Colors

CIELCh(50, 4.579, 354.782)

Have a look what the booklet for
CIELCh(50, 4.579, 354.782) contains.

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Color

CIELCh(50, 5.050, 352.407)

Conversions

Conversions Part 1

Format	Color
Hex	7F7478
RGB	127, 116, 120
RGB Percent	50%, 45%, 47%
CMY	0.5012, 0.5444, 0.5287
CMYK	0.00, 0.09, 0.06, 0.50
HSL	338°, 5%, 48%
HSV	338°, 9%, 50%
XYZ	18.4469, 18.4187, 20.4097
YIQ	119.7450, 5.2720, 3.5760

Conversions

Conversions Part 2

Format	Color
R_{YB}	127, 116, 120
Decimal	8352888
CIE _{Lab}	50.00, 5.01, -0.67
CIE _{LCh}	50, 5.050, 352.407
Yxy	18.4187, 0.3221, 0.3216
Android (android.graphics.Color)	4286542968 (0xFF7F7478)
YUV	119.7450, 0.1257, 6.3626
Hunter-Lab	42.9170, 1.6194, 1.8458

Details

The CIELCh color **50, 5.050, 352.407** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **52, 4.951, 171.028**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 5.065, 354.217**, and **30, 5.134, 350.437** is the 20% darker color. If you saturate the color by 10%, you get **46, 11.058, 353.440**, and if you desaturate by 10%, it is **54, 0.769, 172.028**.

Distribution



Red (50%)

Green (45%)

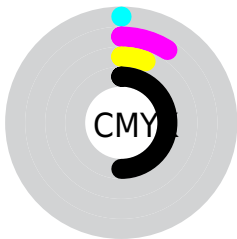
Blue (47%)



Red (50%)

Yellow (45%)

Blue (47%)

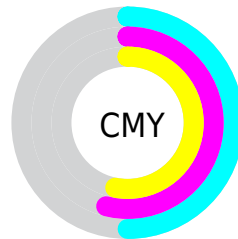


Cyan (0%)

Magenta (9%)

Yellow (6%)

Black (50%)



Cyan (50%)

Magenta (54%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 50, 5.050, 352.407 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, 5.050, 352.407 by changing the saturation by 10% instead.

■ 50, 5.050, 352.407

■ 50, 5.050, 352.407

■ 100, 5.050,
352.407

■ 40, 5.050, 352.407

■ 70, 5.050, 352.407

■ 30, 5.050, 352.407

■ 80, 5.050, 352.407

■ 20, 5.050, 352.407

■ 90, 5.050, 352.407

■ 10, 5.050, 352.407

■ 0, 5.050, 352.407

■ 50, 5.050, 352.407

■ 50, 5.050, 352.407

■ 46, 11.058,
353.440

■ 54, 0.769, 172.028

■ 43, 17.205,
354.584

■ 58, 6.368, 170.869

■ 61, 11.742,

39, 23.392,
355.910

170.134

36, 29.466,
357.482

65, 16.895,
169.478

33, 35.212,
359.389

69, 21.839,
168.880

31, 40.365, 1.748

73, 26.588,
168.330

29, 44.656, 4.707

77, 31.158,
167.822

27, 47.904, 8.424

81, 35.564,
167.351

26, 50.442, 12.735

85, 39.821,
166.912

Harmonies

Complementary

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



50, 5.050, 352.407



52, 4.951, 171.028

Rectangle

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



50, 5.050, 352.407



50, 5.050, 42.407



50, 5.050, 172.407



50, 5.050, 222.407

Sweetspot

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



50, 5.048, 352.415



67, 2.156, 351.795



50, 7.042, 313.913



35, 1.648, 351.895



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, 5.048, 352.415



63, 7.267, 352.574



50, 3.999, 32.051



25, 3.299, 352.460



26, 50.907, 13.311



0, 0.000, 0.000

Inverse Universe

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



50, 5.048, 352.415



63, 7.267, 352.574



52, 3.792, 212.132



25, 3.299, 352.460



26, 50.907, 13.311



0, 0.000, 0.000

Previews

White Background



This preview shows how the CIELCh color 50, 5.050, 352.407 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 50, 5.050, 352.407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

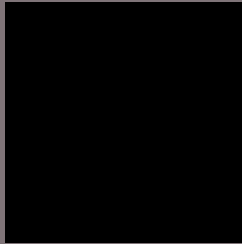
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 50, 5.050, 352.407

Background



This preview shows how black text looks on a background with the CIELCh color 50, 5.050, 352.407.



This preview shows how white text looks on a background with the CIELCh color 50, 5.050, 352.407.

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, 5.050, 352.407

Protanopia

50, 1.944, 314.706

Deuteranopia

50, 6.777, 354.699



Tritanopia
50, 7.859, 332.221

Trichromacy



Original Color
50, 5.050, 352.407

Protanomaly
50, 3.381, 335.918

Deuteranomaly
50, 6.409, 353.051

Tritanomaly
50, 7.043, 338.611

Monochromacy



Original Color
50, 5.050, 352.407

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, 5.050, 352.407 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, 120)` looks like.

```
.text, #text, p{  
    color:rgb(127, 116, 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(127, 116, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 116, 120) }
```

Border

The CSS property to change the border of an element to CIELCh 50, 5.050, 352.407 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, 120) }
```

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

```
.border{ border-color:rgb(127, 116, 120) }
```

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, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 116, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 116, 120);  
box-shadow:4px 4px 4px 4px rgb(127, 116,  
120) }
```

Background

The CSS property to change the background color of an element to CIELCh 50, 5.050, 352.407 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, 120) }
```

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

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