

Converting Colors

CIELCh(48, 5.678, 352.356)

Have a look what the booklet for
CIELCh(48, 5.678, 352.356) contains.

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Color

CIELCh(48, 5.458, 354.511)

Conversions

Conversions Part 1

Format	Color
Hex	7B6F73
RGB	123, 111, 115
RGB Percent	48%, 44%, 45%
CMY	0.5179, 0.5650, 0.5493
CMYK	0.00, 0.10, 0.07, 0.52
HSL	340°, 5%, 46%
HSV	340°, 10%, 48%
XYZ	16.9245, 16.7945, 18.5471
YIQ	115.0440, 5.8680, 3.7880

Conversions

Conversions Part 2

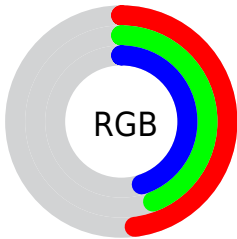
Format	Color
RYB	123, 111, 115
Decimal	8089459
CIELab	48.00, 5.43, -0.52
CIELCh	48, 5.458, 354.511
Yxy	16.7945, 0.3238, 0.3213
Android (android.graphics.Color)	4286279539 (0xFF7B6F73)
YUV	115.0440, -0.0217, 6.9774
Hunter-Lab	40.9810, 2.0006, 1.8534

Details

The CIELCh color **48, 5.458, 354.511** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **51, 5.327, 172.904**, and the grayscale version is **48, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 5.093, 354.236**, and **28, 5.596, 352.932** is the 20% darker color. If you saturate the color by 10%, you get **44, 11.237, 355.569**, and if you desaturate by 10%, it is **52, 0.128, 176.222**.

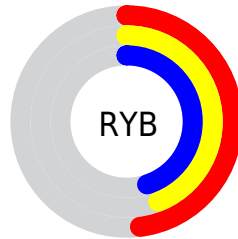
Distribution



Red (48%)

Green (44%)

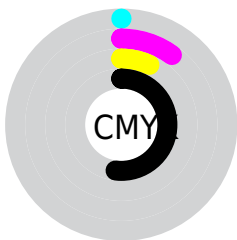
Blue (45%)



Red (48%)

Yellow (44%)

Blue (45%)

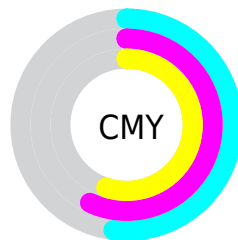


Cyan (0%)

Magenta (10%)

Yellow (7%)

Black (52%)



Cyan (52%)

Magenta (57%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 48, 5.458, 354.511 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, 5.458, 354.511 by changing the saturation by 10% instead.

■ 48, 5.458, 354.511

■ 48, 5.458, 354.511

■ 100, 5.458,
354.511

■ 38, 5.458, 354.511

■ 68, 5.458, 354.511

■ 28, 5.458, 354.511

■ 78, 5.458, 354.511

■ 18, 5.458, 354.511

■ 88, 5.458, 354.511

■ 8, 5.458, 354.511

■ 98, 5.458, 354.511

■ 0, 5.458, 354.511

■ 48, 5.458, 354.511

■ 48, 5.458, 354.511

■ 44, 11.237,
355.569

■ 52, 0.128, 176.222

■ 41, 17.161,

■ 55, 5.493, 172.941

356.754

59, 10.633,
172.192

38, 23.133,
358.139

63, 15.553,
171.529

34, 29.009,
359.794

67, 20.266,
170.927

32, 34.581, 1.813

70, 24.786,
170.376

29, 39.599, 4.322

27, 43.818, 7.472

74, 29.129,
169.868

26, 47.086, 11.412

78, 33.311,
169.397

25, 49.882, 15.797

82, 37.346,
168.960

Harmonies

Complementary

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



48, 5.458, 354.511



51, 5.327, 172.904

Rectangle

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



48, 5.458, 354.511



48, 5.458, 44.511



48, 5.458, 174.511



48, 5.458, 224.511

Sweetspot

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



48, 5.457, 354.519



65, 2.064, 353.775



48, 7.799, 315.041



34, 1.579, 353.876



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, 5.457, 354.519



61, 8.390, 354.777



48, 4.301, 35.567



24, 3.134, 354.448



25, 50.563, 15.999



53, 86.224, 19.250

Inverse Universe

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



48, 5.457, 354.519



61, 8.390, 354.777



50, 4.053, 215.896



24, 3.134, 354.448



25, 50.563, 15.999



53, 86.224, 19.250

Previews

White Background



This preview shows how the CIELCh color 48, 5.458, 354.511 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 48, 5.458, 354.511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

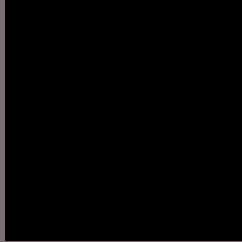
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

CIELCh 48, 5.458, 354.511

Background



This preview shows how black text looks on a background with the CIELCh color 48, 5.458, 354.511.



This preview shows how white text looks on a background with the CIELCh color 48, 5.458, 354.511.

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, 5.458, 354.511

Protanopia

48, 1.959, 314.712

Deuteranopia

48, 6.459, 353.091



Tritanopia
48, 7.494, 335.263

Trichromacy



Original Color

48, 5.458, 354.511

Protanomaly

48, 3.407, 335.933

Deuteranomaly

48, 6.459, 353.091

Tritanomaly

48, 7.096, 338.640

Monochromacy



Original Color

48, 5.458, 354.511

Achromatopsia

48, 0.006, 296.813

Achromatomaly

48, 1.736, 359.621

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 48, 5.458, 354.511 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(123, 111, 115)` looks like.

```
.text, #text, p{  
    color:rgb(123, 111, 115)  
}
```

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(123, 111, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 111, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 48, 5.458, 354.511 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(123, 111, 115) }
```

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

```
.border{ border-color:rgb(123, 111, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 111, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 111, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 111, 115);  
box-shadow:4px 4px 4px 4px rgb(123, 111,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 48, 5.458, 354.511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 111, 115) }
```

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

```
.background{ background-color: rgb(123,  
111, 115) }
```

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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