

Converting Colors

CIELCh(58, 47.257, 110.018)

Have a look what the booklet for
CIELCh(58, 47.257, 110.018)
contains.

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Color

CIELCh(58, 47.671, 110.115)

Conversions

Conversions Part 1

Format	Color
Hex	889239
RGB	136, 146, 57
RGB Percent	53%, 57%, 22%
CMY	0.4679, 0.4287, 0.7776
CMYK	0.07, 0.00, 0.61, 0.43
HSL	67°, 44%, 40%
HSV	67°, 61%, 57%
XYZ	21.0626, 25.9610, 7.7325
YIQ	132.8640, 22.6090, -29.7990

Conversions

Conversions Part 2

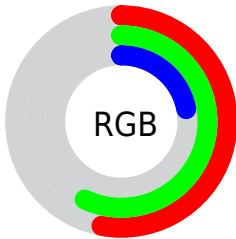
Format	Color
RYB	57, 146, 67
Decimal	8950329
CIELab	58.00, -16.39, 44.76
CIElCh	58, 47.671, 110.115
Yxy	25.9610, 0.3847, 0.4741
Android (android.graphics.Color)	4287140409 (0xFF889239)
YUV	132.8640, -37.4010, 2.7503
Hunter-Lab	50.9519, -15.3774, 26.6684

Details

The CIELCh color **58, 47.671, 110.115** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **30, 56.439, 301.872**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 47.683, 110.328**, and **38, 47.927, 110.565** is the 20% darker color. If you saturate the color by 10%, you get **58, 53.834, 109.649**, and if you desaturate by 10%, it is **58, 40.692, 110.729**.

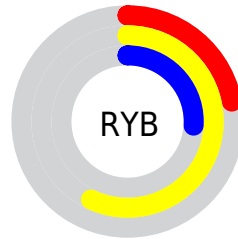
Distribution



Red (53%)

Green (57%)

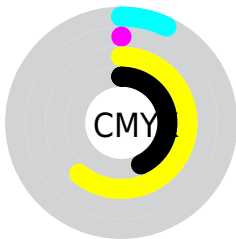
Blue (22%)



Red (22%)

Yellow (57%)

Blue (26%)

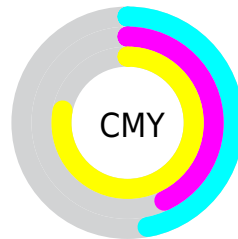


Cyan (7%)

Magenta (0%)

Yellow (61%)

Black (43%)



Cyan (47%)


Magenta (43%)


Yellow (78%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 47.671, 110.115 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 58, 47.671, 110.115 by changing the saturation by 10% instead.


 58, 47.671,
110.115


 58, 47.671,
110.115


 100, 47.671,
110.115


 48, 47.671,
110.115


 78, 47.671,
110.115

 38, 47.671,
110.115

 88, 47.671,
110.115

 28, 47.671,
110.115

 98, 47.671,
110.115

 18, 47.671,
110.115

 8, 47.671, 110.115

 0, 47.671, 110.115

■ 58, 47.671,
110.115

■ 58, 47.671,
110.115

■ 58, 53.834,
109.649

■ 58, 40.692,
110.729

■ 58, 58.824,
109.390

■ 59, 33.177,
111.432

■ 57, 62.296,
109.401

■ 59, 25.326,
112.187

■ 57, 64.408,
109.583

■ 59, 17.272,
112.965

■ 60, 9.105, 113.745

■ 60, 0.882, 114.497

■ 61, 7.355, 295.266

■ 62, 15.580,
295.984

■ 62, 23.771,
296.669

Harmonies

Complementary

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



58, 47.671, 110.115



30, 56.439, 301.872

Rectangle

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



58, 47.671, 110.115



58, 47.671, 160.115



58, 47.671, 290.115



58, 47.671, 340.115

Sweetspot

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



58, 47.672, 110.117



75, 18.231, 113.177



38, 39.561, 33.256



39, 12.615, 112.971



88, 0.010, 296.813



40, 0.006, 296.813

Same Dimension

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



58, 47.672, 110.117



73, 67.390, 109.534



55, 53.029, 129.784



31, 4.700, 113.889



54, 61.812, 109.550



3, 4.129, 114.597

Inverse Universe

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



30, 56.439, 301.872



32, 84.128, 303.991



35, 56.558, 315.036



29, 4.799, 295.349



15, 83.952, 306.787



0, 4.130, 294.597

Previews

White Background



This preview shows how the CIELCh color 58, 47.671, 110.115 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 CIELCh color 58, 47.671, 110.115 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 58, 47.671, 110.115

Background



This preview shows how black text looks on a background with the CIELCh color 58, 47.671, 110.115.



This preview shows how white text looks on a background with the CIELCh color 58, 47.671, 110.115.

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
58, 47.671, 110.115

Protanopia
58, 45.980, 95.468

Deuteranopia
58, 44.175, 79.646



Tritanopia
58, 6.506, 319.077

Trichromacy



Original Color
58, 47.671, 110.115

Protanomaly
58, 45.840, 100.722

Deuteranomaly
58, 43.881, 91.586

Tritanomaly
58, 14.699, 105.182

Monochromacy



Original Color
58, 47.671, 110.115

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 18.732, 113.119

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 47.671, 110.115 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(136, 146, 57)` looks like.

```
.text, #text, p{  
    color:rgb(136, 146, 57)  
}
```

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(136, 146, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 146, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 47.671, 110.115 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(136, 146, 57) }
```

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

```
.border{ border-color:rgb(136, 146, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 146, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 146, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 146, 57);  
box-shadow:4px 4px 4px 4px rgb(136, 146,  
57) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 47.671, 110.115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 146, 57) }
```

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

```
.background{ background-color: rgb(136,  
146, 57) }
```

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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