

Converting Colors

CIELCh(58, 63.822, 104.794)

Have a look what the booklet for
CIELCh(58, 63.822, 104.794)
contains.

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Color

CIELCh(58, 63.678, 104.527)

Conversions

Conversions Part 1

Format	Color
Hex	8D9100
RGB	141, 145, 0
RGB Percent	55%, 57%, 0%
CMY	0.4466, 0.4309, 0.9990
CMYK	0.03, 0.00, 1.00, 0.43
HSL	62°, 100%, 29%
HSV	62°, 100%, 57%
XYZ	21.1507, 25.9610, 3.9030
YIQ	127.2740, 44.1610, -45.9430

Conversions

Conversions Part 2

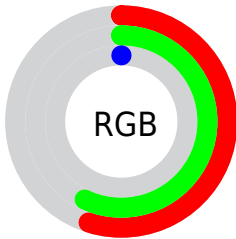
Format	Color
RYB	0, 145, 4
Decimal	9277696
CIELab	58.00, -15.97, 61.64
CIELCh	58, 63.678, 104.527
Yxy	25.9610, 0.4146, 0.5089
Android (android.graphics.Color)	4287467776 (0xFF8D9100)
YUV	127.2740, -62.7461, 12.0377
Hunter-Lab	50.9519, -15.0685, 31.1247

Details

The CIELCh color **58, 63.678, 104.527** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **16, 87.670, 306.375**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **78, 63.975, 104.679**, and **38, 47.265, 107.698** is the 20% darker color. If you saturate the color by 10%, you get **58, 63.717, 104.527**, and if you desaturate by 10%, it is **58, 61.356, 104.665**.

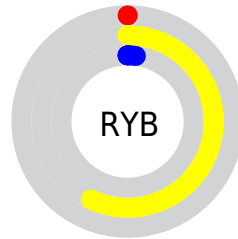
Distribution



Red (55%)

Green (57%)

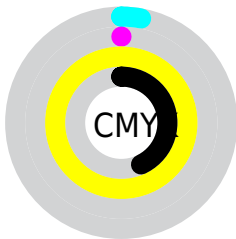
Blue (0%)



Red (0%)

Yellow (57%)

Blue (2%)

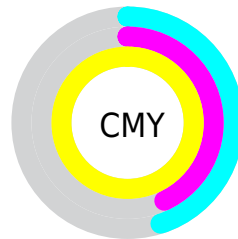


Cyan (3%)

Magenta (0%)

Yellow (100%)

Black (43%)



Cyan (45%)


Magenta (43%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 63.678, 104.527 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, 63.678, 104.527 by changing the saturation by 10% instead.


 58, 63.678,
104.527


 58, 63.678,
104.527


 100, 63.678,
104.527


 48, 63.678,
104.527


 78, 63.678,
104.527

 38, 63.678,
104.527

 88, 63.678,
104.527

 28, 63.678,
104.527

 98, 63.678,
104.527

 18, 63.678,
104.527

 8, 63.678, 104.527

 0, 63.678, 104.527

■ 58, 63.678,
104.527

■ 58, 63.678,
104.527

■ 58, 63.717,
104.527

■ 58, 61.356,
104.665

■ 58, 57.770,
104.964

■ 58, 52.693,
105.460

■ 58, 46.481,
106.110

■ 59, 39.484,
106.873

■ 59, 31.978,
107.708

■ 59, 24.154,
108.587

■ 59, 16.141,

109.485

■ 60, 8.022, 110.384

Harmonies

Complementary

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



58, 63.678, 104.527



16, 87.670, 306.375

Rectangle

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



58, 63.678, 104.527



58, 63.678, 154.527



58, 63.678, 284.527



58, 63.678, 334.527

Sweetspot

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



58, 63.678, 104.529



75, 30.078, 108.516



30, 67.663, 39.486



39, 20.396, 108.184



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, 63.678, 104.529



74, 77.331, 104.561



54, 71.781, 128.259



30, 4.548, 110.443



54, 60.502, 104.516



2, 3.086, 111.262

Inverse Universe

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



16, 87.670, 306.375



23, 106.570, 306.366



22, 81.459, 312.505



27, 4.644, 292.138



14, 83.327, 306.406



0, 3.086, 291.263

Previews

White Background



This preview shows how the CIELCh color 58, 63.678, 104.527 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 58, 63.678, 104.527 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, 63.678, 104.527

Background



This preview shows how black text looks on a background with the CIELCh color 58, 63.678, 104.527.



This preview shows how white text looks on a background with the CIELCh color 58, 63.678, 104.527.

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, 63.678, 104.527

Protanopia

58, 62.586, 95.470

Deuteranopia

58, 59.154, 82.639



Tritanopia
58, 8.474, 338.215

Trichromacy



Original Color
58, 63.678, 104.527

Protanomaly
58, 62.816, 98.986

Deuteranomaly
58, 59.924, 91.260

Tritanomaly
58, 26.594, 99.429

Monochromacy



Original Color
58, 63.678, 104.527

Achromatopsia
53, 0.007, 296.813

Achromatomaly
55, 29.774, 108.216

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 63.678, 104.527 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(141, 145, 0)` looks like.

```
.text, #text, p{  
    color:rgb(141, 145, 0)  
}
```

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(141, 145, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 145, 0) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 63.678, 104.527 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(141, 145, 0) }
```

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

```
.border{ border-color:rgb(141, 145, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 145, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 145, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 145, 0);  
box-shadow:4px 4px 4px 4px rgb(141, 145,  
0) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 63.678, 104.527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 145, 0) }
```

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

```
.background{ background-color: rgb(141,  
145, 0) }
```

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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