

Converting Colors

CIELCh(58, 27.742, 140.825)

Have a look what the booklet for
CIELCh(58, 27.742, 140.825)
contains.

CIELCh(58, 27.742, 140.825)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(58, 27.742, 140.825)

Conversions

Conversions Part 1

Format	Color
Hex	6F956C
RGB	111, 149, 108
RGB Percent	44%, 58%, 42%
CMY	0.5647, 0.4156, 0.5764
CMYK	0.26, 0.00, 0.28, 0.42
HSL	116°, 16%, 50%
HSV	116°, 28%, 58%
XYZ	20.0130, 25.9610, 18.1460
YIQ	132.9640, -9.4870, -20.8070

Conversions

Conversions Part 2

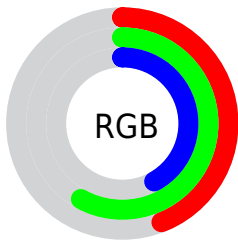
Format	Color
R _Y B	108, 149, 146
Decimal	7312748
CIE Lab	58.00, -21.51, 17.52
CIE LCh	58, 27.742, 140.825
Yxy	25.9610, 0.3121, 0.4049
Android (android.graphics.Color)	4285502828 (0xFF6F956C)
YUV	132.9640, -12.3073, -19.2624
Hunter-Lab	50.9519, -19.0544, 14.5509

Details

The CIELCh color $58, 27.742, 140.825$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $51, 27.855, 323.794$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 27.502, 141.321$, and $38, 27.801, 140.576$ is the 20% darker color. If you saturate the color by 10%, you get $57, 37.690, 140.055$, and if you desaturate by 10%, it is $59, 17.639, 141.505$.

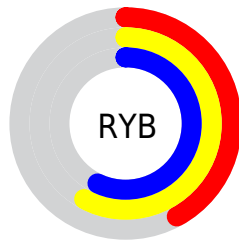
Distribution



Red (44%)

Green (58%)

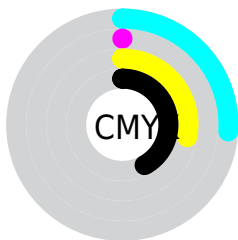
Blue (42%)



Red (42%)

Yellow (58%)

Blue (57%)

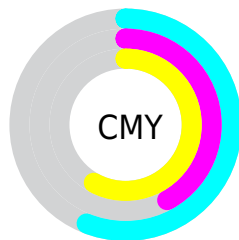


Cyan (26%)

Magenta (0%)

Yellow (28%)

Black (42%)



Cyan (56%)


Magenta (42%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 27.742, 140.825 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, 27.742, 140.825 by changing the saturation by 10% instead.


 58, 27.742,
140.825


 58, 27.742,
140.825


 100, 27.742,
140.825


 48, 27.742,
140.825


 78, 27.742,
140.825

 38, 27.742,
140.825

 88, 27.742,
140.825

 28, 27.742,
140.825

 98, 27.742,
140.825

 18, 27.742,
140.825

 8, 27.742, 140.825

 0, 27.742, 140.825

■ 58, 27.742,
140.825

■ 58, 27.742,
140.825

■ 57, 37.690,
140.055

■ 59, 17.639,
141.505

■ 56, 47.280,
139.202

■ 61, 7.528, 142.104

■ 55, 56.254,
138.296

■ 62, 2.478, 322.502

■ 55, 64.289,
137.396

■ 64, 12.302,
322.992

■ 54, 70.999,
136.603

■ 65, 21.891,
323.363

■ 54, 75.986,
136.043

■ 67, 31.216,
323.675


■ 54, 79.139,
135.739

■ 69, 40.259,
323.940

■ 54, 79.804,

■ 71, 49.016,
324.165

135.622

 73, 57.490,
324.357

Harmonies

Complementary

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



58, 27.742, 140.825



51, 27.855, 323.794

Rectangle

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



58, 27.742, 140.825



58, 27.742, 190.825



58, 27.742, 320.825



58, 27.742, 10.825

Sweetspot

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



58, 27.743, 140.825



77, 9.932, 142.067



60, 21.049, 103.800



40, 7.045, 141.987



89, 0.011, 296.813



41, 0.006, 296.813

Same Dimension

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



58, 27.743, 140.825



73, 41.158, 140.362



58, 20.922, 157.115



31, 5.630, 142.007



50, 75.304, 135.584



2, 4.907, 142.464

Inverse Universe

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



51, 27.855, 323.794



62, 41.332, 324.082



50, 21.372, 341.632



29, 5.646, 322.890



30, 73.396, 325.444



1, 4.907, 322.460

Previews

White Background



This preview shows how the CIELCh color 58, 27.742, 140.825 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, 27.742, 140.825 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

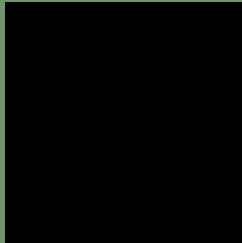
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 27.742, 140.825

Background



This preview shows how black text looks on a background with the CIELCh color 58, 27.742, 140.825.



This preview shows how white text looks on a background with the CIELCh color 58, 27.742, 140.825.

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, 27.742, 140.825

Protanopia
58, 20.748, 95.769

Deuteranopia
58, 17.789, 64.245



Tritanopia
58, 10.508, 235.480

Trichromacy



Original Color
58, 27.742, 140.825

Protanomaly
58, 21.595, 116.664

Deuteranomaly
57, 16.462, 102.338

Tritanomaly
58, 11.949, 175.840

Monochromacy



Original Color
58, 27.742, 140.825

Achromatopsia
56, 0.007, 296.813

Achromatomaly
56, 10.255, 142.093

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 27.742, 140.825 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(111, 149, 108)` looks like.

```
.text, #text, p{  
    color:rgb(111, 149, 108)  
}
```

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(111, 149, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 149, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 27.742, 140.825 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(111, 149, 108) }
```

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

```
.border{ border-color:rgb(111, 149, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 149, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 149, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 149, 108);  
box-shadow:4px 4px 4px 4px rgb(111, 149,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 27.742, 140.825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 149, 108) }
```

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

```
.background{ background-color: rgb(111,  
149, 108) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor