

Converting Colors

CIELCh(58, 17.076, 150.470)

Have a look what the booklet for
CIELCh(58, 17.076, 150.470)
contains.

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Color

CIELCh(58, 16.985, 150.640)

Conversions

Conversions Part 1

Format	Color
Hex	75927C
RGB	117, 146, 124
RGB Percent	46%, 57%, 49%
CMY	0.5396, 0.4258, 0.5121
CMYK	0.20, 0.00, 0.15, 0.43
HSL	134°, 12%, 52%
HSV	134°, 20%, 57%
XYZ	21.3966, 25.9610, 23.0855
YIQ	134.8210, -10.2220, -12.9900

Conversions

Conversions Part 2

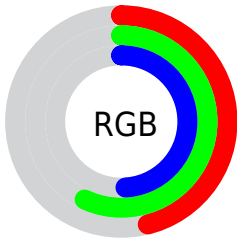
Format	Color
R_{YB}	117, 140, 146
Decimal	7705212
CIE _{Lab}	58.00, -14.80, 8.33
CIE _{LCh}	58, 16.985, 150.640
Yxy	25.9610, 0.3037, 0.3685
Android (android.graphics.Color)	4285895292 (0xFF75927C)
YUV	134.8210, -5.3348, -15.6290
Hunter-Lab	50.9519, -14.2073, 8.8030

Details

The CIELCh color $58, 16.985, 150.640$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $53, 17.077, 333.270$, and the grayscale version is $56, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 16.903, 151.568$, and $38, 16.850, 150.668$ is the 20% darker color. If you saturate the color by 10%, you get $57, 25.548, 149.772$, and if you desaturate by 10%, it is $59, 8.383, 151.403$.

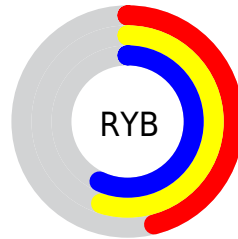
Distribution



Red (46%)

Green (57%)

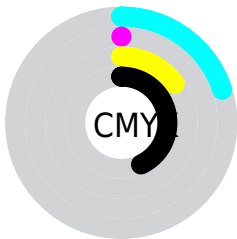
Blue (49%)



Red (46%)

Yellow (55%)

Blue (57%)

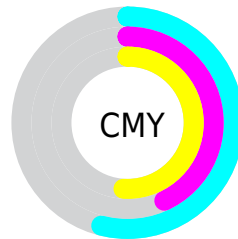


Cyan (20%)

Magenta (0%)

Yellow (15%)

Black (43%)



Cyan (54%)


Magenta (43%)


Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 16.985, 150.640 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, 16.985, 150.640 by changing the saturation by 10% instead.


 58, 16.985,
150.640


 58, 16.985,
150.640


 100, 16.985,
150.640


 48, 16.985,
150.640


 78, 16.985,
150.640

 38, 16.985,
150.640

 88, 16.985,
150.640

 28, 16.985,
150.640

 98, 16.985,
150.640

 18, 16.985,
150.640

 8, 16.985, 150.640

 0, 16.985, 150.640

■ 58, 16.985,
150.640

■ 58, 16.985,
150.640

■ 57, 25.548,
149.772

■ 59, 8.383, 151.403

■ 56, 33.943,
148.775

■ 61, 0.161, 330.447

■ 62, 8.572, 332.566

■ 55, 42.021,
147.630

■ 64, 16.796,
333.083

■ 54, 49.618,
146.324

■ 66, 24.797,
333.532

■ 54, 56.565,
144.855

■ 68, 32.557,
333.932

■ 53, 62.703,
143.240


■ 70, 40.066,
334.289


■ 53, 67.899,
141.525

■ 72, 47.322,
334.611

■ 53, 72.170,

139.896

 74, 54.331,
334.904

 53, 72.242,
139.870

Harmonies

Complementary

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



58, 16.985, 150.640



53, 17.077, 333.270

Rectangle

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



58, 16.985, 150.640



58, 16.985, 200.640



58, 16.985, 330.640



58, 16.985, 20.640

Sweetspot

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



58, 16.986, 150.640



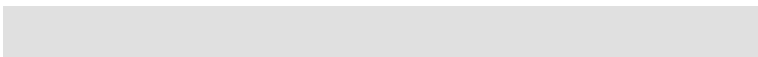
76, 6.354, 151.673



59, 16.512, 118.032



40, 4.250, 151.630



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, 16.986, 150.640



73, 25.588, 150.248



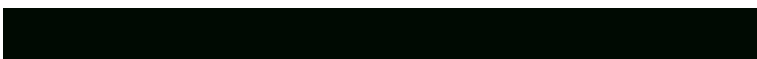
58, 11.869, 176.519



31, 4.862, 151.448



50, 68.909, 139.979



2, 4.239, 152.018

Inverse Universe

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



53, 17.077, 333.270



66, 25.742, 333.590



52, 12.636, 0.261



29, 4.880, 332.559



30, 60.984, 340.404



1, 4.240, 332.011

Previews

White Background



This preview shows how the CIELCh color 58, 16.985, 150.640 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, 16.985, 150.640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

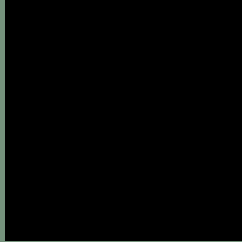
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 16.985, 150.640

Background



This preview shows how black text looks on a background with the CIELCh color 58, 16.985, 150.640.



This preview shows how white text looks on a background with the CIELCh color 58, 16.985, 150.640.

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](#).

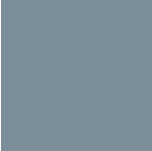
Dichromacy



Original Color
58, 16.985, 150.640

Protanopia
58, 11.128, 93.809

Deuteranopia
58, 10.293, 42.790



Tritanopia
58, 9.558, 244.717

Trichromacy



Original Color
58, 16.985, 150.640

Protanomaly
58, 11.571, 121.023

Deuteranomaly
58, 7.530, 96.835

Tritanomaly
58, 8.645, 194.831

Monochromacy



Original Color
58, 16.985, 150.640

Achromatopsia
56, 0.007, 296.813

Achromatomaly
57, 6.056, 150.122

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 16.985, 150.640 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(117, 146, 124)` looks like.

```
.text, #text, p{  
    color:rgb(117, 146, 124)  
}
```

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(117, 146, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 146, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 16.985, 150.640 is called "border". The border property can be set on classes, ids or directly on the HTML element.

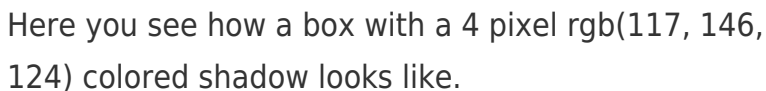
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(117, 146, 124) }
```

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

```
.border{ border-color:rgb(117, 146, 124) }
```

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



Here you see how a box with a 4 pixel `rgb(117, 146, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(117, 146, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(117, 146, 124); box-shadow:4px 4px 4px 4px rgb(117, 146, 124) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 16.985, 150.640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 146, 124) }
```

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

```
.background{ background-color: rgb(117,  
146, 124) }
```

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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