

Converting Colors

CIELCh(58, 5.608, 50.065)

Have a look what the booklet for
CIELCh(58, 5.608, 50.065) contains.

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Color

CIELCh(58, 5.600, 50.068)

Conversions

Conversions Part 1

Format	Color
Hex	958984
RGB	149, 137, 132
RGB Percent	58%, 54%, 52%
CMY	0.4155, 0.4626, 0.4822
CMYK	0.00, 0.08, 0.11, 0.42
HSL	18°, 7%, 55%
HSV	18°, 11%, 58%
XYZ	25.5188, 25.9610, 25.5080
YIQ	140.0180, 8.7570, 0.9890

Conversions

Conversions Part 2

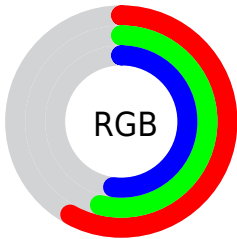
Format	Color
R_{YB}	149, 139, 132
Decimal	9800068
CIE _{Lab}	58.00, 3.59, 4.29
CIE _{LCh}	58, 5.600, 50.068
Yxy	25.9610, 0.3315, 0.3372
Android (android.graphics.Color)	4287990148 (0xFF958984)
YUV	140.0180, -3.9529, 7.8772
Hunter-Lab	50.9519, 0.2342, 5.9841

Details

The CIELCh color $58, 5.600, 50.068$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $59, 5.267, 231.750$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 5.571, 48.231$, and $38, 5.430, 46.698$ is the 20% darker color. If you saturate the color by 10%, you get $55, 10.909, 49.577$, and if you desaturate by 10%, it is $61, 0.664, 50.148$.

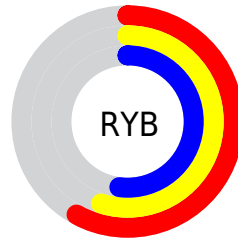
Distribution



Red (58%)

Green (54%)

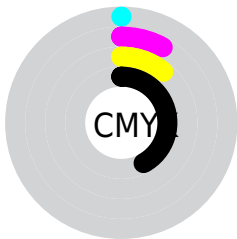
Blue (52%)



Red (58%)

Yellow (55%)

Blue (52%)

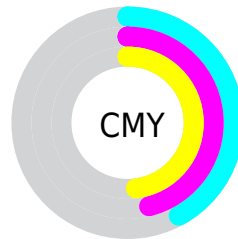


Cyan (0%)

Magenta (8%)

Yellow (11%)

Black (42%)



Cyan (42%)

Magenta (46%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 5.600, 50.068 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, 5.600, 50.068 by changing the saturation by 10% instead.

 58, 5.600, 50.068  58, 5.600, 50.068

 100, 5.600, 50.068  48, 5.600, 50.068

 78, 5.600, 50.068  38, 5.600, 50.068

 88, 5.600, 50.068  28, 5.600, 50.068

 98, 5.600, 50.068  18, 5.600, 50.068

 8, 5.600, 50.068

 0, 5.600, 50.068

 58, 5.600, 50.068  58, 5.600, 50.068

 55, 10.909, 49.577  61, 0.664, 50.148

 52, 16.626, 49.121  65, 3.936, 231.509

49, 22.777, 48.756

68, 8.237, 232.121

46, 29.368, 48.505

71, 12.275,
232.783

43, 36.365, 48.374

75, 16.081,
233.457

40, 43.659, 48.335

38, 50.983, 48.281

78, 19.684,
234.130

36, 57.750, 47.929

81, 23.108,
234.795

34, 63.111, 47.696

85, 26.377,
235.447

88, 27.227,
224.781

Harmonies

Complementary

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



58, 5.600, 50.068



59, 5.267, 231.750

Rectangle

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



58, 5.600, 50.068



58, 5.600, 100.068



58, 5.600, 230.068



58, 5.600, 280.068

Sweetspot

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



58, 5.600, 50.088



77, 1.767, 50.380



57, 9.639, 334.343



40, 1.340, 50.389



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, 5.600, 50.088



73, 8.604, 49.939



60, 7.618, 98.089



30, 2.733, 50.198



32, 59.247, 47.787



1, 2.320, 50.843

Inverse Universe

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



59, 5.267, 231.750



74, 7.958, 231.982



57, 7.706, 280.763



30, 2.604, 231.590



39, 30.375, 253.719



2, 2.321, 230.862

Previews

White Background



This preview shows how the CIELCh color 58, 5.600, 50.068 looks on a white background.

Color Contrast Check

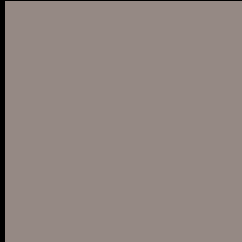
Large Text (above 18pt) WCAG AA ✓ Pass

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, 5.600, 50.068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

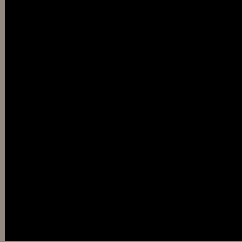
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 5.600, 50.068

Background



This preview shows how black text looks on a background with the CIELCh color 58, 5.600, 50.068.



This preview shows how white text looks on a background with the CIELCh color 58, 5.600, 50.068.

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, 5.600, 50.068

Protanopia

58, 3.741, 84.505

Deuteranopia

58, 8.293, 31.929



Tritanopia
58, 8.858, 335.480

Trichromacy



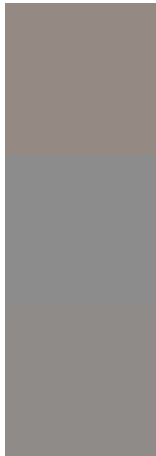
Original Color
58, 5.600, 50.068

Protanomaly
58, 3.971, 64.961

Deuteranomaly
58, 7.248, 38.151

Tritanomaly
58, 6.221, 352.911

Monochromacy



Original Color
58, 5.600, 50.068

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 1.932, 55.179

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 5.600, 50.068 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(149, 137, 132)` looks like.

```
.text, #text, p{  
    color:rgb(149, 137, 132)  
}
```

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(149, 137, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 137, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 5.600, 50.068 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(149, 137, 132) }
```

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

```
.border{ border-color:rgb(149, 137, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 137, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 137, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 137, 132);  
box-shadow:4px 4px 4px 4px rgb(149, 137,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 5.600, 50.068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 137, 132) }
```

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

```
.background{ background-color: rgb(149,  
137, 132) }
```

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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