

Converting Colors

CIELCh(58, 6.802, 89.680)

Have a look what the booklet for
CIELCh(58, 6.802, 89.680) contains.

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Color

CIELCh(58, 6.675, 88.067)

Conversions

Conversions Part 1

Format	Color
Hex	918B80
RGB	145, 139, 128
RGB Percent	57%, 55%, 50%
CMY	0.4322, 0.4557, 0.4988
CMYK	0.00, 0.04, 0.12, 0.43
HSL	39°, 7%, 53%
HSV	39°, 12%, 57%
XYZ	24.7274, 25.9610, 24.0608
YIQ	139.5400, 7.1070, -2.1490

Conversions

Conversions Part 2

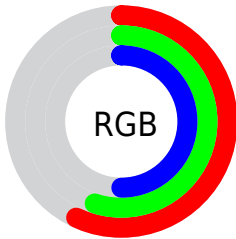
Format	Color
R_{YB}	137, 145, 128
Decimal	9538432
CIE Lab	58.00, 0.23, 6.67
CIE LCh	58, 6.675, 88.067
Yxy	25.9610, 0.3308, 0.3473
Android (android.graphics.Color)	4287728512 (0xFF918B80)
YUV	139.5400, -5.6892, 4.7884
Hunter-Lab	50.9519, -2.5382, 7.6681

Details

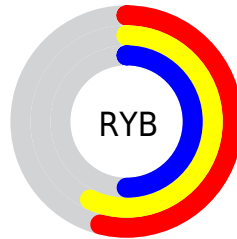
The CIELCh color $58, 6.675, 88.067$ is a dark color, and the websafe version is hex `999999`. A complement of this color would be $56, 6.651, 271.096$, and the grayscale version is $58, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 6.424, 85.245$, and $38, 6.676, 85.635$ is the 20% darker color. If you saturate the color by 10%, you get $56, 12.513, 86.831$, and if you desaturate by 10%, it is $60, 0.971, 89.127$.

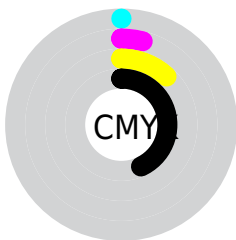
Distribution



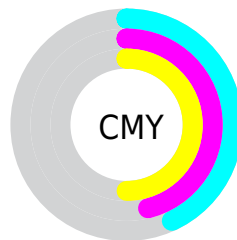
- Red (57%)
- Green (55%)
- Blue (50%)



- Red (54%)
- Yellow (57%)
- Blue (50%)



- Cyan (0%)
- Magenta (4%)
- Yellow (12%)
- Black (43%)



- Cyan (43%)
- Magenta (46%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 6.675, 88.067 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, 6.675, 88.067 by changing the saturation by 10% instead.

 58, 6.675, 88.067  58, 6.675, 88.067

 100, 6.675, 88.067  48, 6.675, 88.067

 78, 6.675, 88.067  38, 6.675, 88.067


 88, 6.675, 88.067  28, 6.675, 88.067


 98, 6.675, 88.067  18, 6.675, 88.067

 8, 6.675, 88.067

 0, 6.675, 88.067

 58, 6.675, 88.067  58, 6.675, 88.067

 56, 12.513, 86.831  60, 0.971, 89.127

 55, 18.474, 85.534  62, 4.605, 270.555

■ 53, 24.536, 84.197

■ 63, 10.058,
271.660

■ 51, 30.644, 82.818

■ 65, 15.398,
272.733

■ 50, 36.684, 81.386

■ 48, 42.447, 79.866

■ 67, 20.633,
273.760

■ 47, 47.567, 78.183

■ 69, 25.772,
274.736

■ 45, 51.501, 76.200

■ 44, 54.117, 74.446

■ 71, 30.824,
275.664

■ 73, 35.796,
276.542

■ 75, 39.126,
276.398

Harmonies

Complementary

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



58, 6.675, 88.067



56, 6.651, 271.096

Rectangle

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



58, 6.675, 88.067



58, 6.675, 138.067



58, 6.675, 268.067



58, 6.675, 318.067

Sweetspot

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



58, 6.676, 88.081



76, 2.793, 88.963



55, 7.672, 352.534



39, 1.981, 88.892



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, 6.676, 88.081



73, 9.914, 87.767



59, 9.609, 114.539



29, 3.165, 88.391



41, 51.473, 74.651



1, 2.123, 89.537

Inverse Universe

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



56, 6.651, 271.096



70, 9.861, 271.460



54, 9.857, 296.346



28, 3.159, 270.747



23, 57.544, 294.476



1, 2.123, 269.545

Previews

White Background



This preview shows how the CIELCh color 58, 6.675, 88.067 looks on a white background.

Color Contrast Check

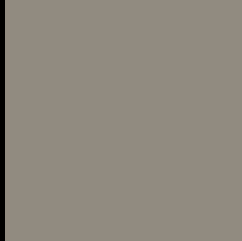
Large Text (above 18pt) WCAG AA ✓ Pass

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, 6.675, 88.067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

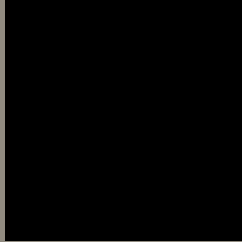
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 6.675, 88.067

Background



This preview shows how black text looks on a background with the CIELCh color 58, 6.675, 88.067.

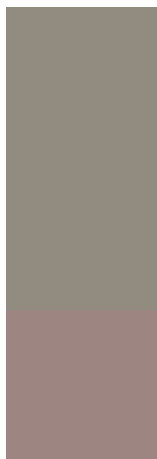


This preview shows how white text looks on a background with the CIELCh color 58, 6.675, 88.067.

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

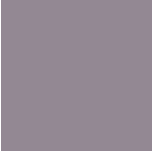
58, 6.675, 88.067

Protanopia

58, 6.675, 88.067

Deuteranopia

58, 9.854, 36.896



Tritanopia
58, 7.604, 324.813

Trichromacy



Original Color
58, 6.675, 88.067

Protanomaly
58, 6.675, 88.067

Deuteranomaly
58, 7.999, 49.559

Tritanomaly
58, 3.944, 354.152

Monochromacy



Original Color
58, 6.675, 88.067

Achromatopsia
58, 0.007, 296.813

Achromatomaly
58, 2.390, 90.541

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 6.675, 88.067 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(145, 139, 128)` looks like.

```
.text, #text, p{  
    color:rgb(145, 139, 128)  
}
```

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(145, 139, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 139, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 6.675, 88.067 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(145, 139, 128) }
```

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

```
.border{ border-color:rgb(145, 139, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 139, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 139, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 139, 128);  
box-shadow:4px 4px 4px 4px rgb(145, 139,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 6.675, 88.067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 139, 128) }
```

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

```
.background{ background-color: rgb(145,  
139, 128) }
```

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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