

Converting Colors

CIELCh(58, 17.287, 134.921)

Have a look what the booklet for
CIELCh(58, 17.287, 134.921)
contains.

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Color

CIELCh(58, 17.113, 135.040)

Conversions

Conversions Part 1

Format	Color
Hex	7E9176
RGB	126, 145, 118
RGB Percent	49%, 57%, 46%
CMY	0.5062, 0.4317, 0.5376
CMYK	0.13, 0.00, 0.19, 0.43
HSL	102°, 11%, 52%
HSV	102°, 19%, 57%
XYZ	21.9702, 25.9610, 20.9675
YIQ	136.2410, -2.6570, -12.4250

Conversions

Conversions Part 2

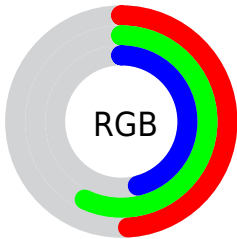
Format	Color
RYB	118, 145, 137
Decimal	8294774
CIELab	58.00, -12.11, 12.09
CIElCh	58, 17.113, 135.040
Yxy	25.9610, 0.3189, 0.3768
Android (android.graphics.Color)	4286484854 (0xFF7E9176)
YUV	136.2410, -8.9928, -8.9814
Hunter-Lab	50.9519, -12.1977, 11.2675

Details

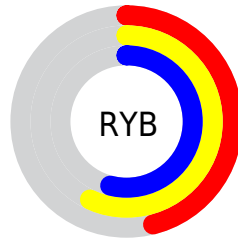
The CIELCh color $58, 17.113, 135.040$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $52, 17.348, 316.613$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 17.250, 134.777$, and $38, 17.182, 135.212$ is the 20% darker color. If you saturate the color by 10%, you get $57, 26.310, 134.533$, and if you desaturate by 10%, it is $59, 7.900, 135.512$.

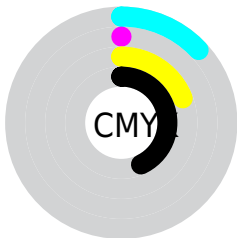
Distribution



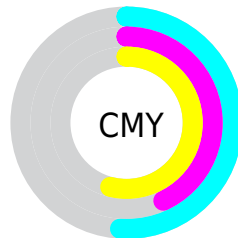
- Red (49%)
- Green (57%)
- Blue (46%)



- Red (46%)
- Yellow (57%)
- Blue (54%)



- Cyan (13%)
- Magenta (0%)
- Yellow (19%)
- Black (43%)





- Cyan (51%)
- Magenta (43%)
- Yellow (54%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 17.113, 135.040 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, 17.113, 135.040 by changing the saturation by 10% instead.


 58, 17.113,
135.040


 58, 17.113,
135.040


 100, 17.113,
135.040


 48, 17.113,
135.040


 78, 17.113,
135.040


 38, 17.113,
135.040


 88, 17.113,
135.040

 28, 17.113,
135.040

 98, 17.113,
135.040

 18, 17.113,
135.040

 8, 17.113, 135.040

 0, 17.113, 135.040

■ 58, 17.113,
135.040

■ 58, 17.113,
135.040

■ 57, 26.310,
134.533

■ 59, 7.900, 135.512

■ 56, 35.380,
133.994

■ 60, 1.255, 315.792

■ 55, 44.178,
133.447

■ 62, 10.298,
316.256

■ 55, 52.502,
132.937

■ 63, 19.189,
316.581

■ 54, 60.077,
132.538

■ 64, 27.904,
316.860

■ 53, 66.556,
132.352

■ 66, 36.425,
317.101

■ 53, 71.565,
132.500

■ 67, 44.745,
317.308

■ 53, 75.113,

■ 69, 52.861,
317.486

132.933

71, 60.773,
317.638

53, 75.570,
132.971

Harmonies

Complementary

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



58, 17.113, 135.040



52, 17.348, 316.613

Rectangle

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



58, 17.113, 135.040



58, 17.113, 185.040



58, 17.113, 315.040



58, 17.113, 5.040

Sweetspot

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



58, 17.115, 135.041



76, 6.802, 135.627



57, 11.235, 91.445



39, 4.499, 135.601



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, 17.115, 135.041



73, 25.078, 134.851



58, 16.320, 149.285



30, 5.108, 135.487



49, 71.757, 132.887



2, 3.445, 135.853

Inverse Universe

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



52, 17.348, 316.613



65, 25.487, 316.777



53, 16.382, 331.656



28, 5.147, 316.207



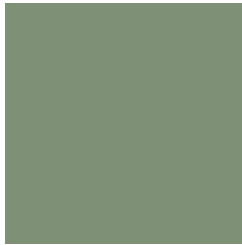
24, 74.559, 317.721



0, 3.445, 315.850

Previews

White Background



This preview shows how the CIELCh color 58, 17.113, 135.040 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, 17.113, 135.040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

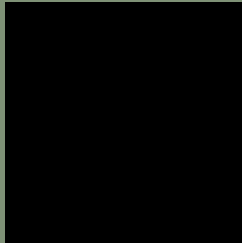
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 58, 17.113, 135.040

Background



This preview shows how black text looks on a background with the CIELCh color 58, 17.113, 135.040.



This preview shows how white text looks on a background with the CIELCh color 58, 17.113, 135.040.

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, 17.113, 135.040

Protanopia
58, 13.975, 94.678

Deuteranopia
58, 13.231, 56.777



Tritanopia
58, 7.028, 262.442

Trichromacy



Original Color
58, 17.113, 135.040

Protanomaly
58, 14.134, 111.876

Deuteranomaly
58, 11.391, 89.728

Tritanomaly
58, 5.309, 180.202

Monochromacy



Original Color
58, 17.113, 135.040

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 6.353, 135.461

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 17.113, 135.040 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(126, 145, 118)` looks like.

```
.text, #text, p{  
    color:rgb(126, 145, 118)  
}
```

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(126, 145, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 145, 118) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 17.113, 135.040 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(126, 145, 118) }
```

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

```
.border{ border-color:rgb(126, 145, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 145, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 145, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 145, 118);  
box-shadow:4px 4px 4px 4px rgb(126, 145,  
118) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 17.113, 135.040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 145, 118) }
```

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

```
.background{ background-color: rgb(126,  
145, 118) }
```

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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