

Converting Colors

CIELCh(58, 13.219, 147.996)

Have a look what the booklet for
CIELCh(58, 13.219, 147.996)
contains.

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Color

CIELCh(58, 13.208, 147.714)

Conversions

Conversions Part 1

Format	Color
Hex	7C917F
RGB	124, 145, 127
RGB Percent	49%, 57%, 50%
CMY	0.5147, 0.4324, 0.5030
CMYK	0.15, 0.00, 0.12, 0.43
HSL	129°, 9%, 53%
HSV	129°, 15%, 57%
XYZ	22.1734, 25.9610, 23.8324
YIQ	136.6690, -6.7380, -10.0500

Conversions

Conversions Part 2

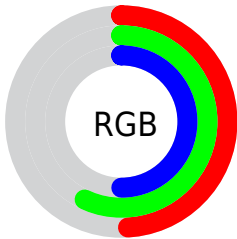
Format	Color
RYB	124, 142, 145
Decimal	8163711
CIELab	58.00, -11.17, 7.05
CIELCh	58, 13.208, 147.714
Yxy	25.9610, 0.3081, 0.3607
Android (android.graphics.Color)	4286353791 (0xFF7C917F)
YUV	136.6690, -4.7668, -11.1107
Hunter-Lab	50.9519, -11.4857, 7.9338

Details

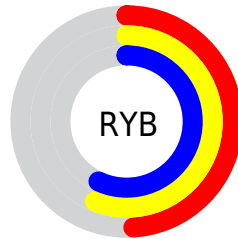
The CIELCh color $58, 13.208, 147.714$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $54, 13.241, 329.437$, and the grayscale version is $57, 0.007, 296.813$.

A 20% lighter version of the original color is $78, 13.090, 147.730$, and $38, 13.521, 147.522$ is the 20% darker color. If you saturate the color by 10%, you get $57, 22.370, 146.948$, and if you desaturate by 10%, it is $59, 4.075, 148.406$.

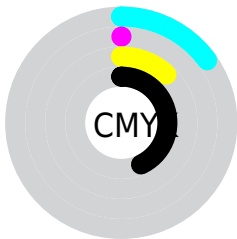
Distribution



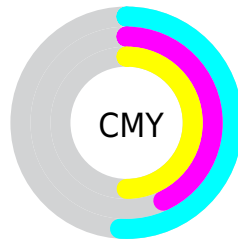
- Red (49%)
- Green (57%)
- Blue (50%)



- Red (49%)
- Yellow (56%)
- Blue (57%)



- Cyan (15%)
- Magenta (0%)
- Yellow (12%)
- Black (43%)





- Cyan (51%)
- Magenta (43%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 58, 13.208, 147.714 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, 13.208, 147.714 by changing the saturation by 10% instead.


 58, 13.208,
147.714


 58, 13.208,
147.714


 100, 13.208,
147.714


 48, 13.208,
147.714


 78, 13.208,
147.714

 38, 13.208,
147.714

 88, 13.208,
147.714

 28, 13.208,
147.714

 98, 13.208,
147.714

 18, 13.208,
147.714

 8, 13.208, 147.714

 0, 13.208, 147.714

■ 58, 13.208,
147.714

■ 58, 13.208,
147.714

■ 57, 22.370,
146.948

■ 59, 4.075, 148.406

■ 56, 31.431,
146.065

■ 61, 4.939, 328.865

■ 55, 40.237,
145.049

■ 63, 13.767,
329.381

■ 54, 48.602,
143.891

■ 64, 22.364,
329.810

■ 53, 56.315,
142.598

■ 66, 30.703,
330.181

■ 53, 63.152,
141.199

■ 68, 38.773,
330.506


■ 52, 68.890,
139.755


■ 70, 46.570,
330.792

■ 52, 73.332,

■ 72, 54.098,
331.046

138.370

 74, 61.367,
331.273

 52, 75.273,
137.779

Harmonies

Complementary

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



58, 13.208, 147.714



54, 13.241, 329.437

Rectangle

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



58, 13.208, 147.714



58, 13.208, 197.714



58, 13.208, 327.714



58, 13.208, 17.714

Sweetspot

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



58, 13.209, 147.714



76, 4.489, 148.437



59, 11.866, 114.331



40, 3.182, 148.386



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, 13.209, 147.714



74, 19.241, 147.506



58, 9.225, 170.245



30, 5.070, 148.085



49, 71.455, 137.871



2, 3.412, 148.616

Inverse Universe

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



54, 13.241, 329.437



68, 19.287, 329.609



54, 9.521, 352.818



28, 5.082, 329.114



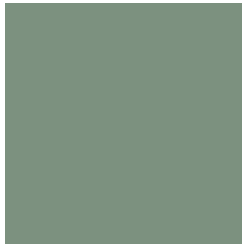
30, 64.656, 334.683



1, 3.412, 328.610

Previews

White Background



This preview shows how the CIELCh color 58, 13.208, 147.714 looks on a white background.

Color Contrast Check

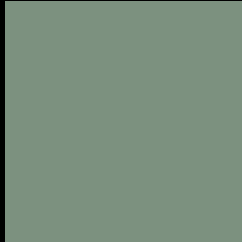
Large Text (above 18pt) WCAG AA ✓ Pass

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, 13.208, 147.714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

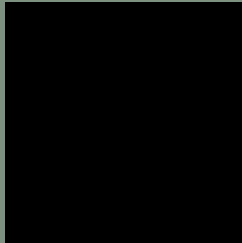
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

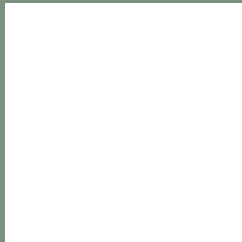
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 58, 13.208, 147.714

Background



This preview shows how black text looks on a background with the CIELCh color 58, 13.208, 147.714.



This preview shows how white text looks on a background with the CIELCh color 58, 13.208, 147.714.

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](#).

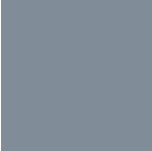
Dichromacy



Original Color
58, 13.208, 147.714

Protanopia
58, 8.831, 93.016

Deuteranopia
58, 9.453, 37.589



Tritanopia
58, 7.783, 252.839

Trichromacy



Original Color
58, 13.208, 147.714

Protanomaly
58, 9.204, 119.230

Deuteranomaly
58, 6.156, 86.253

Tritanomaly
58, 6.061, 204.295

Monochromacy



Original Color
58, 13.208, 147.714

Achromatopsia
57, 0.007, 296.813

Achromatomaly
57, 4.408, 148.367

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 13.208, 147.714 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(124, 145, 127)` looks like.

```
.text, #text, p{  
    color:rgb(124, 145, 127)  
}
```

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(124, 145, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 145, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 13.208, 147.714 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(124, 145, 127) }
```

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

```
.border{ border-color:rgb(124, 145, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 145, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 145, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 145, 127);  
box-shadow:4px 4px 4px 4px rgb(124, 145,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 13.208, 147.714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 145, 127) }
```

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

```
.background{ background-color: rgb(124,  
145, 127) }
```

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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