

Converting Colors

CIELCh(67, 8.123, 204.933)

Have a look what the booklet for
CIELCh(67, 8.123, 204.933) contains.

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Color

CIELCh(67, 8.058, 206.698)

Conversions

Conversions Part 1

Format	Color
Hex	91A7A9
RGB	145, 167, 169
RGB Percent	57%, 65%, 66%
CMY	0.4305, 0.3442, 0.3364
CMYK	0.14, 0.01, 0.00, 0.34
HSL	185°, 12%, 62%
HSV	185°, 14%, 66%
XYZ	32.7578, 36.6320, 42.9904
YIQ	160.6500, -13.7540, -4.0420

Conversions

Conversions Part 2

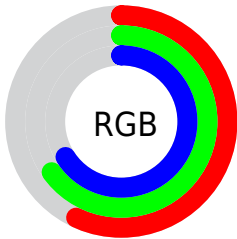
Format	Color
RYB	145, 156, 169
Decimal	9545641
CIELab	67.00, -7.20, -3.62
CIELCh	67, 8.058, 206.698
Yxy	36.6320, 0.2915, 0.3260
Android (android.graphics.Color)	4287735721 (0xFF91A7A9)
YUV	160.6500, 4.1166, -13.7250
Hunter-Lab	60.5244, -9.3075, 0.2534

Details

The CIELCh color $67, 8.058, 206.698$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $63, 8.836, 27.393$, and the grayscale version is $66, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 8.051, 206.423$, and $47, 8.112, 206.998$ is the 20% darker color. If you saturate the color by 10%, you get $66, 13.312, 206.541$, and if you desaturate by 10%, it is $69, 2.440, 207.034$.

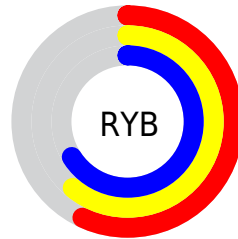
Distribution



Red (57%)

Green (65%)

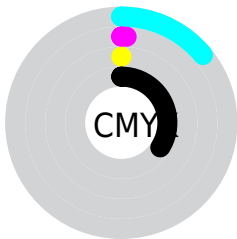
Blue (66%)



Red (57%)

Yellow (61%)

Blue (66%)

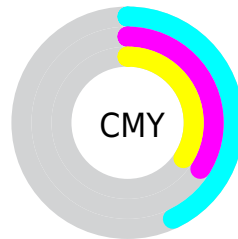


Cyan (14%)

Magenta (1%)

Yellow (0%)

Black (34%)



Cyan (43%)

Magenta (34%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 8.058, 206.698 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 67, 8.058, 206.698 by changing the saturation by 10% instead.

■ 67, 8.058, 206.698

■ 67, 8.058, 206.698

■ 100, 8.058,
206.698

■ 57, 8.058, 206.698

■ 87, 8.058, 206.698

■ 47, 8.058, 206.698

■ 97, 8.058, 206.698

■ 37, 8.058, 206.698

■ 27, 8.058, 206.698

■ 17, 8.058, 206.698

■ 7, 8.058, 206.698

■ 0, 8.058, 206.698

■ 67, 8.058, 206.698

■ 67, 8.058, 206.698

■ 66, 13.312,

■ 69, 2.440, 207.034

206.541

70, 3.461, 26.962

64, 18.109,
206.512

72, 9.572, 27.374

63, 22.357,
206.614

74, 15.830, 27.752

62, 25.968,
206.873

76, 22.186, 28.146

61, 28.870,
207.314

78, 28.598, 28.553

60, 31.018,
207.968

79, 31.514, 29.451

59, 32.409,
208.863

80, 31.100, 30.837

59, 33.093,
210.025

80, 30.705, 32.261

58, 33.312,
210.773

Harmonies

Complementary

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



67, 8.058, 206.698



63, 8.836, 27.393

Rectangle

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



67, 8.058, 206.698



67, 8.058, 256.698



67, 8.058, 26.698



67, 8.058, 76.698

Sweetspot

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



67, 8.059, 206.688



87, 2.880, 207.042



67, 15.485, 145.427



46, 2.040, 206.994



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67, 8.059, 206.688



84, 11.816, 206.629



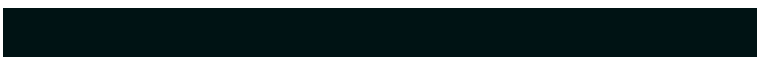
64, 8.395, 264.246



35, 3.244, 206.810



51, 30.198, 210.599



5, 5.908, 210.078

Inverse Universe

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



63, 15.332, 327.553



78, 22.715, 327.733



66, 8.570, 80.471



33, 6.074, 327.266



34, 72.208, 331.781



2, 10.787, 327.707

Previews

White Background



This preview shows how the CIELCh color 67, 8.058, 206.698 looks on a white background.

Color Contrast Check

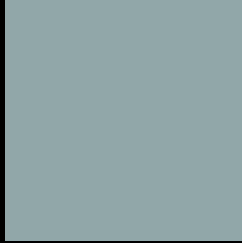
Large Text (above 18pt) WCAG AA × Fail

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 67, 8.058, 206.698 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

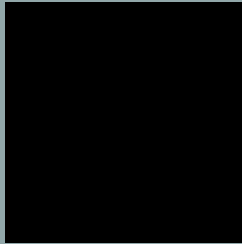
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

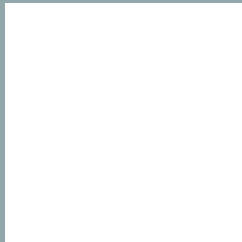
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 8.058, 206.698

Background



This preview shows how black text looks on a background with the CIELCh color 67, 8.058, 206.698.



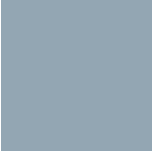
This preview shows how white text looks on a background with the CIELCh color 67, 8.058, 206.698.

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





Tritanopia
67, 9.719, 246.857

Trichromacy



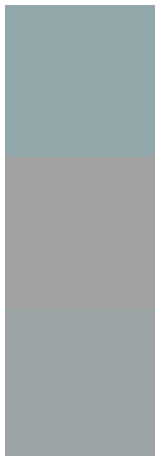
Original Color
67, 8.058, 206.698

Protanomaly
67, 2.764, 236.298

Deuteranomaly
67, 5.124, 303.322

Tritanomaly
67, 8.620, 234.310

Monochromacy



Original Color
67, 8.058, 206.698

Achromatopsia
66, 0.008, 296.813

Achromatomaly
66, 3.036, 209.815

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 8.058, 206.698 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, 167, 169)` looks like.

```
.text, #text, p{  
    color:rgb(145, 167, 169)  
}
```

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, 167, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 167, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 8.058, 206.698 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, 167, 169) }
```

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

```
.border{ border-color:rgb(145, 167, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 167, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 167, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 167, 169);  
box-shadow:4px 4px 4px 4px rgb(145, 167,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 8.058, 206.698 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 167, 169) }
```

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

```
.background{ background-color: rgb(145,  
167, 169) }
```

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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