

Converting Colors

CIELCh(67, 18.066, 200.078)

Have a look what the booklet for
CIELCh(67, 18.066, 200.078)
contains.

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Color

CIELCh(67, 17.794, 201.549)

Conversions

Conversions Part 1

Format	Color
Hex	78ACAE
RGB	120, 172, 174
RGB Percent	47%, 67%, 68%
CMY	0.5288, 0.3249, 0.3170
CMYK	0.31, 0.01, 0.00, 0.32
HSL	182°, 25%, 58%
HSV	182°, 31%, 68%
XYZ	30.2056, 36.6320, 45.6043
YIQ	156.6800, -31.6340, -10.4020

Conversions

Conversions Part 2

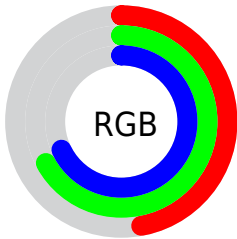
Format	Color
R _Y B	120, 146, 174
Decimal	7908526
CIE Lab	67.00, -16.55, -6.54
CIE LCh	67, 17.794, 201.549
Yxy	36.6320, 0.2686, 0.3258
Android (android.graphics.Color)	4286098606 (0xFF78ACAE)
YUV	156.6800, 8.5388, -32.1684
Hunter-Lab	60.5244, -16.8345, -2.3072

Details

The CIELCh color **67, 17.794, 201.549** is a light color, and the websafe version is hex **669999**. A complement of this color would be **56, 22.039, 24.739**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 17.655, 201.668**, and **47, 18.017, 201.309** is the 20% darker color. If you saturate the color by 10%, you get **66, 22.536, 201.334**, and if you desaturate by 10%, it is **68, 12.497, 201.843**.

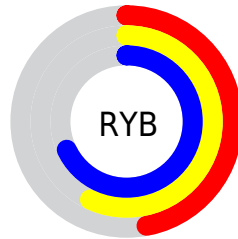
Distribution



Red (47%)

Green (67%)

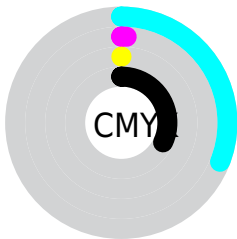
Blue (68%)



Red (47%)

Yellow (57%)

Blue (68%)

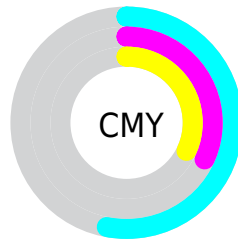


Cyan (31%)

Magenta (1%)

Yellow (0%)

Black (32%)



Cyan (53%)

Magenta (32%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 17.794, 201.549 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, 17.794, 201.549 by changing the saturation by 10% instead.

■ 67, 17.794,
201.549

■ 67, 17.794,
201.549

■ 100, 17.794,
201.549

■ 57, 17.794,
201.549

■ 87, 17.794,
201.549

■ 47, 17.794,
201.549

■ 97, 17.794,
201.549

■ 37, 17.794,
201.549

■ 27, 17.794,
201.549

■ 17, 17.794,
201.549

■ 7, 17.794, 201.549

■ 0, 17.794, 201.549

67, 17.794,
201.549

67, 17.794,
201.549

66, 22.536,
201.334

68, 12.497,
201.843

65, 26.626,
201.218

70, 6.744, 202.229

64, 29.986,
201.211

71, 0.631, 203.355

73, 5.753, 22.925

64, 32.563,
201.324

74, 12.331, 23.453

63, 34.343,
201.566

76, 19.039, 23.972

78, 25.824, 24.500

63, 35.361,
201.945

80, 30.830, 25.052

62, 35.805,
202.377

80, 30.613, 25.668

Harmonies

Complementary

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



67, 17.794, 201.549



56, 22.039, 24.739

Rectangle

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



67, 17.794, 201.549



67, 17.794, 251.549



67, 17.794, 21.549



67, 17.794, 71.549

Sweetspot

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



67, 17.794, 201.545



89, 6.872, 202.315



66, 35.509, 143.173



47, 4.796, 202.248



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



67, 17.794, 201.545



84, 25.610, 201.395



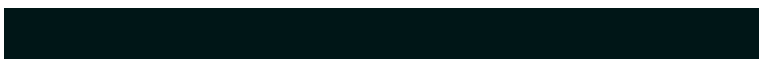
59, 18.103, 263.835



36, 3.472, 202.309



54, 32.166, 202.304



6, 7.396, 204.194

Inverse Universe

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



58, 35.418, 327.137



70, 52.161, 327.489



63, 19.361, 75.019



34, 6.427, 325.931



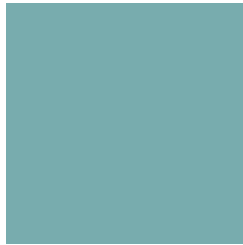
35, 75.769, 329.734



2, 13.353, 325.925

Previews

White Background



This preview shows how the CIELCh color 67, 17.794, 201.549 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, 17.794, 201.549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

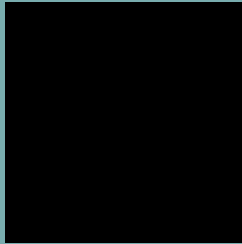
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 17.794, 201.549

Background



This preview shows how black text looks on a background with the CIELCh color 67, 17.794, 201.549.



This preview shows how white text looks on a background with the CIELCh color 67, 17.794, 201.549.

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
67, 17.794, 201.549

Protanopia
67, 3.416, 303.222

Deuteranopia
67, 11.624, 315.660



Tritanopia
67, 17.341, 222.862

Trichromacy



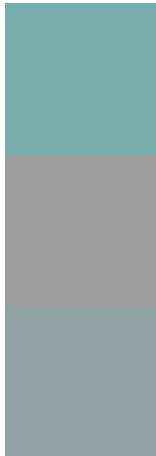
Original Color
67, 17.794, 201.549

Protanomaly
67, 6.879, 217.740

Deuteranomaly
67, 7.974, 263.945

Tritanomaly
67, 17.108, 215.157

Monochromacy



Original Color
67, 17.794, 201.549

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 7.013, 198.854

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 17.794, 201.549 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(120, 172, 174)` looks like.

```
.text, #text, p{  
    color:rgb(120, 172, 174)  
}
```

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(120, 172, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 172, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 17.794, 201.549 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(120, 172, 174) }
```

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

```
.border{ border-color:rgb(120, 172, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 172, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 172, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 172, 174);  
box-shadow:4px 4px 4px 4px rgb(120, 172,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 17.794, 201.549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 172, 174) }
```

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

```
.background{ background-color: rgb(120,  
172, 174) }
```

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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