

Converting Colors

CIELCh(67, 18.130, 219.425)

Have a look what the booklet for
CIELCh(67, 18.130, 219.425)
contains.

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Color

CIELCh(67, 18.006, 219.907)

Conversions

Conversions Part 1

Format	Color
Hex	78ABB7
RGB	120, 171, 183
RGB Percent	47%, 67%, 72%
CMY	0.5287, 0.3286, 0.2816
CMYK	0.34, 0.07, 0.00, 0.28
HSL	191°, 30%, 59%
HSV	191°, 34%, 72%
XYZ	30.9386, 36.6320, 50.3457
YIQ	157.1190, -34.2480, -7.0800

Conversions

Conversions Part 2

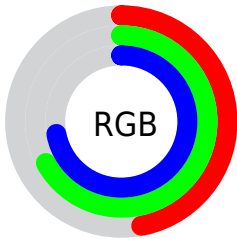
Format	Color
R _Y B	120, 148, 183
Decimal	7908279
CIE _{Lab}	67.00, -13.81, -11.55
CIE _{LCh}	67, 18.006, 219.907
Y _{xy}	36.6320, 0.2624, 0.3107
Android (android.graphics.Color)	4286098359 (0xFF78ABB7)
YUV	157.1190, 12.7593, -32.5534
Hunter-Lab	60.5244, -14.6726, -6.9519

Details

The CIELCh color **67, 18.006, 219.907** is a light color, and the websafe version is hex **669999**. A complement of this color would be **60, 22.929, 38.359**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 18.046, 220.685**, and **47, 17.995, 219.154** is the 20% darker color. If you saturate the color by 10%, you get **65, 22.249, 220.803**, and if you desaturate by 10%, it is **69, 13.246, 219.259**.

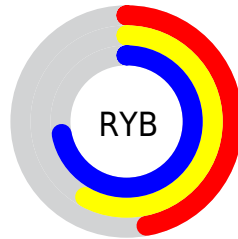
Distribution



Red (47%)

Green (67%)

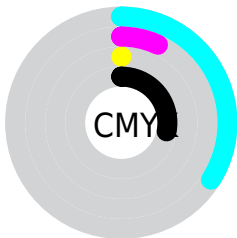
Blue (72%)



Red (47%)

Yellow (58%)

Blue (72%)

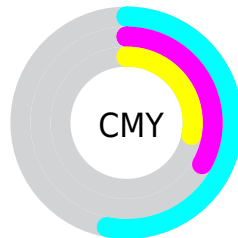


Cyan (34%)

Magenta (7%)

Yellow (0%)

Black (28%)



Cyan (53%)

Magenta (33%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 18.006, 219.907 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, 18.006, 219.907 by changing the saturation by 10% instead.

■ 67, 18.006,
219.907

■ 67, 18.006,
219.907

■ 100, 18.006,
219.907

■ 57, 18.006,
219.907

■ 87, 18.006,
219.907

■ 47, 18.006,
219.907

■ 97, 18.006,
219.907

■ 37, 18.006,
219.907

■ 27, 18.006,
219.907

■ 17, 18.006,
219.907

■ 7, 18.006, 219.907

■ 0, 18.006, 219.907

67, 18.006,
219.907

67, 18.006,
219.907

65, 22.249,
220.803

69, 13.246,
219.259

63, 25.893,
222.018

71, 8.057, 218.828

73, 2.522, 218.668

62, 28.870,
223.619

76, 3.284, 38.132

60, 31.147,
225.685

78, 9.295, 38.150

59, 32.734,
228.294

81, 15.456, 38.161

83, 21.723, 38.214

57, 33.712,
231.502

85, 23.565, 41.421

57, 34.131,
233.459

86, 23.058, 46.584

Harmonies

Complementary

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



67, 18.006, 219.907



60, 22.929, 38.359

Rectangle

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



67, 18.006, 219.907



67, 18.006, 269.907



67, 18.006, 39.907



67, 18.006, 89.907

Sweetspot

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



67, 18.006, 219.903



91, 6.984, 218.710



69, 36.860, 147.300



48, 4.786, 218.744



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



67, 18.006, 219.903



83, 25.667, 220.530



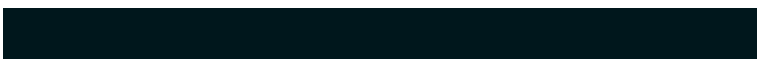
58, 25.065, 277.829



38, 3.220, 218.693



49, 30.222, 232.939



6, 8.561, 227.739

Inverse Universe

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



59, 36.795, 332.377



71, 53.732, 332.872



68, 25.065, 88.061



36, 6.055, 330.738



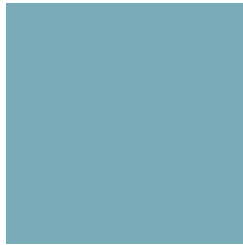
35, 69.027, 337.433



3, 15.528, 333.414

Previews

White Background



This preview shows how the CIELCh color 67, 18.006, 219.907 looks on a white background.

Color Contrast Check

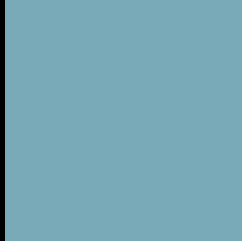
Large Text (above 18pt) WCAG AA × Fail

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, 18.006, 219.907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

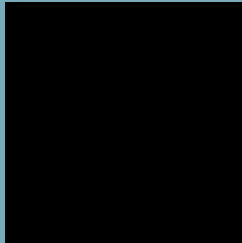
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 18.006, 219.907

Background



This preview shows how black text looks on a background with the CIELCh color 67, 18.006, 219.907.



This preview shows how white text looks on a background with the CIELCh color 67, 18.006, 219.907.

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, 18.006, 219.907

Protanopia
67, 8.857, 291.099

Deuteranopia
67, 15.903, 303.487



Tritanopia
67, 18.041, 223.768

Trichromacy



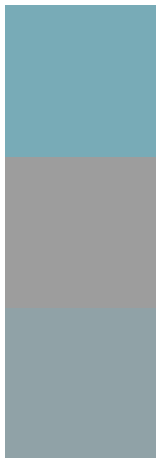
Original Color
67, 18.006, 219.907

Protanomaly
67, 10.118, 249.168

Deuteranomaly
67, 12.878, 270.656

Tritanomaly
67, 17.880, 222.037

Monochromacy



Original Color
67, 18.006, 219.907

Achromatopsia
65, 0.008, 296.813

Achromatomaly
65, 7.072, 222.120

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 18.006, 219.907 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, 171, 183)` looks like.

```
.text, #text, p{  
    color:rgb(120, 171, 183)  
}
```

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, 171, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 171, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 18.006, 219.907 is called "border". The border property can be set on classes, ids or directly on the HTML element.

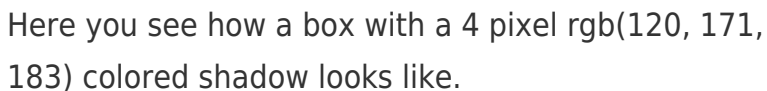
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(120, 171, 183) }
```

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

```
.border{ border-color:rgb(120, 171, 183) }
```

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



Here you see how a box with a 4 pixel `rgb(120, 171, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 171, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 171, 183); box-shadow:4px 4px 4px 4px rgb(120, 171, 183) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 18.006, 219.907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 171, 183) }
```

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

```
.background{ background-color: rgb(120,  
171, 183) }
```

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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