

Converting Colors

CIELCh(67, 17.195, 220.898)

Have a look what the booklet for
CIELCh(67, 17.195, 220.898)
contains.

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Color

CIELCh(67, 17.186, 221.058)

Conversions

Conversions Part 1

Format	Color
Hex	7BABB7
RGB	123, 171, 183
RGB Percent	48%, 67%, 72%
CMY	0.5186, 0.3304, 0.2833
CMYK	0.33, 0.07, 0.00, 0.28
HSL	192°, 29%, 60%
HSV	192°, 33%, 72%
XYZ	31.1694, 36.6320, 50.0889
YIQ	158.0160, -32.4600, -6.4440

Conversions

Conversions Part 2

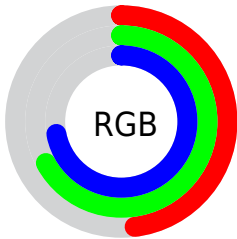
Format	Color
R _{YB}	123, 150, 183
Decimal	8104887
CIE Lab	67.00, -12.96, -11.29
CIE LCh	67, 17.186, 221.058
Yxy	36.6320, 0.2644, 0.3107
Android (android.graphics.Color)	4286294967 (0xFF7BABB7)
YUV	158.0160, 12.3171, -30.7090
Hunter-Lab	60.5244, -13.9920, -6.7003

Details

The CIELCh color **67, 17.186, 221.058** is a light color, and the websafe version is hex **669999**. A complement of this color would be **61, 21.576, 39.253**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 17.218, 221.866**, and **47, 17.242, 220.204** is the 20% darker color. If you saturate the color by 10%, you get **65, 21.500, 221.981**, and if you desaturate by 10%, it is **69, 12.378, 220.384**.

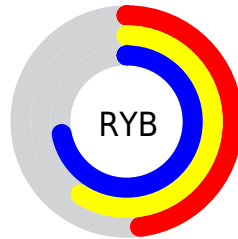
Distribution



Red (48%)

Green (67%)

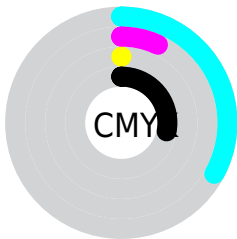
Blue (72%)



Red (48%)

Yellow (59%)

Blue (72%)

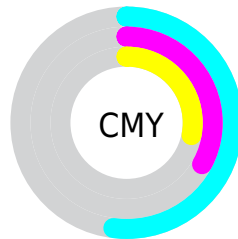


Cyan (33%)

Magenta (7%)

Yellow (0%)

Black (28%)



Cyan (52%)


Magenta (33%)


Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 17.186, 221.058 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, 17.186, 221.058 by changing the saturation by 10% instead.

 67, 17.186,
221.058


 67, 17.186,
221.058


 100, 17.186,
221.058


 57, 17.186,
221.058

 87, 17.186,
221.058

 47, 17.186,
221.058

 97, 17.186,
221.058

 37, 17.186,
221.058

 27, 17.186,
221.058

 17, 17.186,
221.058

 7, 17.186, 221.058

 0, 17.186, 221.058

67, 17.186,
221.058

67, 17.186,
221.058

65, 21.500,
221.981

69, 12.378,
220.384

63, 25.239,
223.227

71, 7.162, 219.933

61, 28.334,
224.863

74, 1.618, 219.851

76, 4.181, 39.213

60, 30.746,
226.970

79, 10.172, 39.176

58, 32.481,
229.629

81, 16.305, 39.159

84, 22.535, 39.187

57, 33.610,
232.903

85, 23.529, 43.193

56, 34.207,
235.522

86, 23.074, 48.642

Harmonies

Complementary

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



67, 17.186, 221.058



61, 21.576, 39.253

Rectangle

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



67, 17.186, 221.058



67, 17.186, 271.058



67, 17.186, 41.058



67, 17.186, 91.058

Sweetspot

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



67, 17.186, 221.054



91, 6.948, 219.851



69, 35.138, 147.454



48, 4.762, 219.891



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, 17.186, 221.054



83, 24.541, 221.655



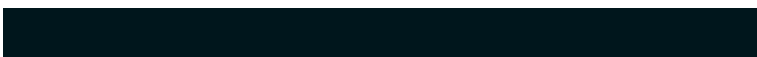
59, 23.843, 277.516



38, 3.204, 219.829



48, 30.334, 234.985



6, 8.540, 229.327

Inverse Universe

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



59, 34.855, 332.624



72, 50.904, 333.093



68, 23.848, 88.270



36, 6.014, 331.071



35, 68.546, 337.995



3, 15.388, 333.907

Previews

White Background



This preview shows how the CIELCh color 67, 17.186, 221.058 looks on a white background.

Color Contrast Check

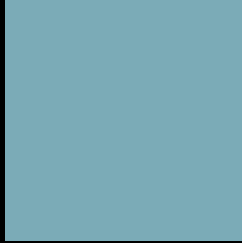
Large Text (above 18pt) WCAG AA × Fail

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, 17.186, 221.058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

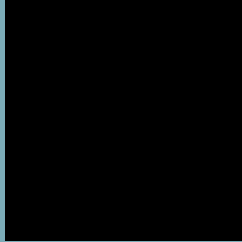
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

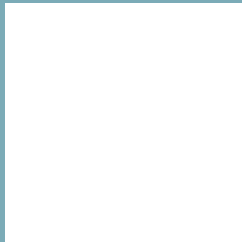
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 17.186, 221.058

Background



This preview shows how black text looks on a background with the CIELCh color 67, 17.186, 221.058.

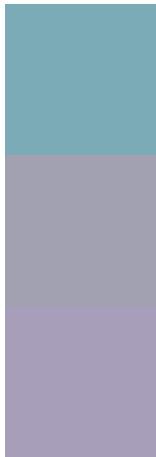


This preview shows how white text looks on a background with the CIELCh color 67, 17.186, 221.058.

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, 17.186, 221.058

Protanopia
67, 8.857, 291.099

Deuteranopia
67, 15.363, 303.883



Tritanopia
67, 17.341, 222.862

Trichromacy



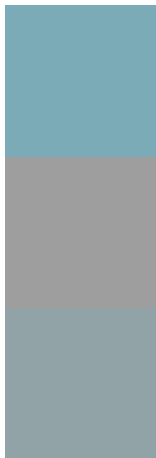
Original Color
67, 17.186, 221.058

Protanomaly
67, 9.902, 250.700

Deuteranomaly
67, 12.254, 271.156

Tritanomaly
67, 17.341, 222.862

Monochromacy



Original Color
67, 17.186, 221.058

Achromatopsia
65, 0.008, 296.813

Achromatomaly
66, 6.897, 217.745

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 17.186, 221.058 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(123, 171, 183)` looks like.

```
.text, #text, p{  
    color:rgb(123, 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(123, 171, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 171, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 17.186, 221.058 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(123, 171, 183) }
```

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

```
.border{ border-color:rgb(123, 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(123, 171, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 171, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 171, 183);  
box-shadow:4px 4px 4px 4px rgb(123, 171,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 17.186, 221.058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 171, 183) }
```

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

```
.background{ background-color: rgb(123,  
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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