

Converting Colors

CIELCh(67, 20.423, 208.534)

Have a look what the booklet for
CIELCh(67, 20.423, 208.534)
contains.

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Color

CIELCh(67, 20.356, 208.871)

Conversions

Conversions Part 1

Format	Color
Hex	70ADB4
RGB	112, 173, 180
RGB Percent	44%, 68%, 71%
CMY	0.5607, 0.3215, 0.2941
CMYK	0.38, 0.04, 0.00, 0.29
HSL	186°, 31%, 57%
HSV	186°, 38%, 71%
XYZ	29.8681, 36.6320, 48.6818
YIQ	155.5590, -38.6030, -10.7550

Conversions

Conversions Part 2

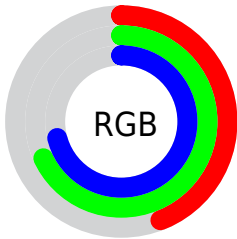
Format	Color
RYB	112, 144, 180
Decimal	7384500
CIELab	67.00, -17.83, -9.83
CIElCh	67, 20.356, 208.871
Yxy	36.6320, 0.2593, 0.3180
Android (android.graphics.Color)	4285574580 (0xFF70ADB4)
YUV	155.5590, 12.0494, -38.2012
Hunter-Lab	60.5244, -17.8299, -5.3219

Details

The CIELCh color **67, 20.356, 208.871** is a light color, and the websafe version is hex **669999**. A complement of this color would be **56, 26.787, 30.682**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 20.331, 208.576**, and **47, 20.436, 207.447** is the 20% darker color. If you saturate the color by 10%, you get **66, 24.512, 209.170**, and if you desaturate by 10%, it is **68, 15.595, 208.730**.

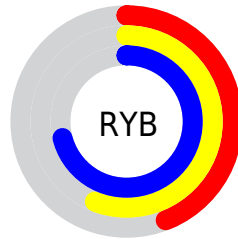
Distribution



Red (44%)

Green (68%)

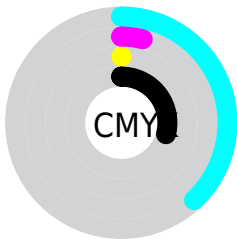
Blue (71%)



Red (44%)

Yellow (56%)

Blue (71%)

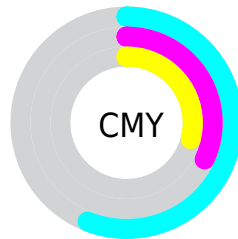


Cyan (38%)

Magenta (4%)

Yellow (0%)

Black (29%)



Cyan (56%)


Magenta (32%)


Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 20.356, 208.871 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, 20.356, 208.871 by changing the saturation by 10% instead.


 67, 20.356,
208.871


 67, 20.356,
208.871


 100, 20.356,
208.871


 57, 20.356,
208.871


 87, 20.356,
208.871

 47, 20.356,
208.871

 97, 20.356,
208.871

 37, 20.356,
208.871

 27, 20.356,
208.871

 17, 20.356,
208.871

 7, 20.356, 208.871

 0, 20.356, 208.871

67, 20.356,
208.871

67, 20.356,
208.871

66, 24.512,
209.170

68, 15.595,
208.730

64, 27.976,
209.669

70, 10.326,
208.731

63, 30.681,
210.402

72, 4.645, 208.882

62, 32.595,
211.408

74, 1.360, 28.564

76, 7.609, 29.110

62, 33.736,
212.726

78, 14.036, 29.423

61, 34.217,
214.364

80, 20.583, 29.753

82, 26.799, 30.203

61, 34.297,
214.743

83, 26.283, 32.409

Harmonies

Complementary

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



67, 20.356, 208.871



56, 26.787, 30.682

Rectangle

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



67, 20.356, 208.871



67, 20.356, 258.871



67, 20.356, 28.871



67, 20.356, 78.871

Sweetspot

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



67, 20.356, 208.868



90, 8.078, 208.808



68, 42.285, 144.397



48, 5.404, 208.787



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



67, 20.356, 208.868



84, 28.937, 209.095



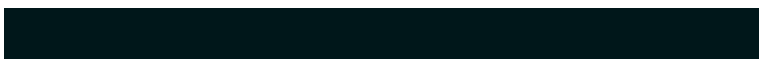
57, 24.493, 271.740



37, 3.347, 208.844



52, 30.450, 214.481



6, 7.976, 213.859

Inverse Universe

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



56, 42.181, 329.544



69, 61.653, 330.003



65, 25.560, 80.482



35, 6.291, 327.868



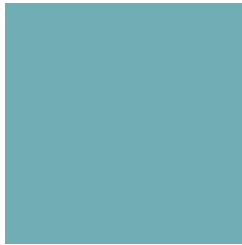
35, 72.891, 332.732



2, 14.633, 328.905

Previews

White Background



This preview shows how the CIELCh color 67, 20.356, 208.871 looks on a white background.

Color Contrast Check

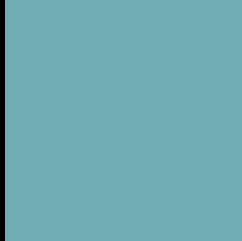
Large Text (above 18pt) WCAG AA × Fail

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, 20.356, 208.871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

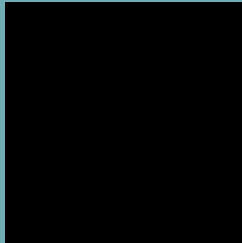
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

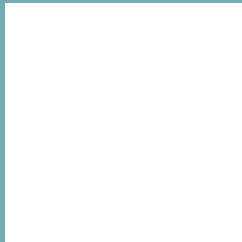
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 20.356, 208.871

Background



This preview shows how black text looks on a background with the CIELCh color 67, 20.356, 208.871.

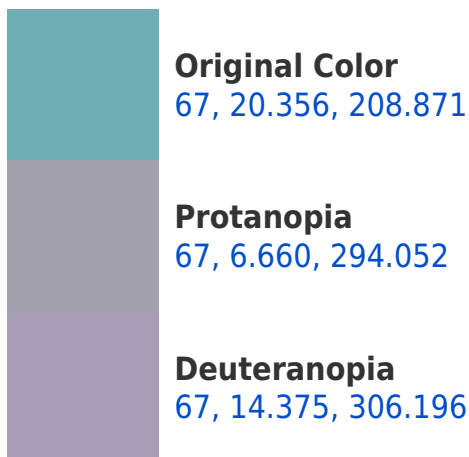


This preview shows how white text looks on a background with the CIELCh color 67, 20.356, 208.871.

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, 20.116, 220.808

Trichromacy



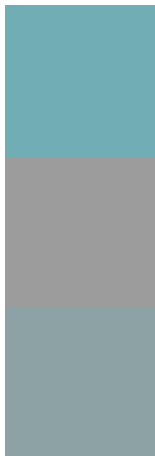
Original Color
67, 20.356, 208.871

Protanomaly
67, 9.513, 238.870

Deuteranomaly
66, 11.639, 264.196

Tritanomaly
67, 20.137, 217.339

Monochromacy



Original Color
67, 20.356, 208.871

Achromatopsia
64, 0.008, 296.813

Achromatomaly
65, 8.152, 210.622

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 20.356, 208.871 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(112, 173, 180)` looks like.

```
.text, #text, p{  
    color:rgb(112, 173, 180)  
}
```

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(112, 173, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 173, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 20.356, 208.871 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(112, 173, 180) }
```

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

```
.border{ border-color:rgb(112, 173, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 173, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 173, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 173, 180);  
box-shadow:4px 4px 4px 4px rgb(112, 173,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 20.356, 208.871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 173, 180) }
```

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

```
.background{ background-color: rgb(112,  
173, 180) }
```

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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