

Converting Colors

CIELCh(67, 24.918, 213.962)

Have a look what the booklet for
CIELCh(67, 24.918, 213.962)
contains.

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Color

CIELCh(67, 25.060, 213.037)

Conversions

Conversions Part 1

Format	Color
Hex	60AFBB
RGB	96, 175, 187
RGB Percent	38%, 69%, 73%
CMY	0.6244, 0.3145, 0.2675
CMYK	0.49, 0.06, 0.00, 0.27
HSL	188°, 40%, 55%
HSV	188°, 49%, 73%
XYZ	29.0371, 36.6320, 52.4352
YIQ	152.7470, -50.9360, -13.0160

Conversions

Conversions Part 2

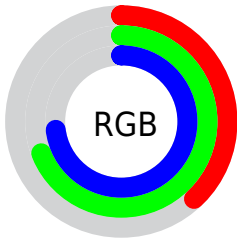
Format	Color
RYB	96, 138, 187
Decimal	6336443
CIELab	67.00, -21.01, -13.66
CIElCh	67, 25.060, 213.037
Yxy	36.6320, 0.2459, 0.3102
Android (android.graphics.Color)	4284526523 (0xFF60AFBB)
YUV	152.7470, 16.8867, -49.7671
Hunter-Lab	60.5244, -20.2808, -8.9988

Details

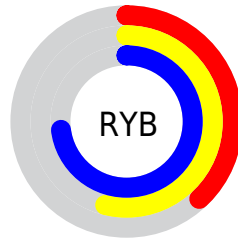
The CIELCh color **67, 25.060, 213.037** is a light color, and the websafe version is hex **669999**. A complement of this color would be **54, 36.366, 34.072**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 25.138, 212.464**, and **47, 24.976, 213.759** is the 20% darker color. If you saturate the color by 10%, you get **66, 28.490, 213.832**, and if you desaturate by 10%, it is **69, 20.928, 212.487**.

Distribution



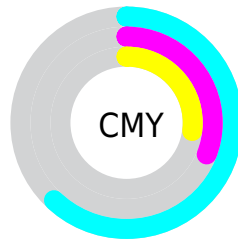
- Red (38%)
- Green (69%)
- Blue (73%)



- Red (38%)
- Yellow (54%)
- Blue (73%)



- Cyan (49%)
- Magenta (6%)
- Yellow (0%)
- Black (27%)





- Cyan (62%)
- Magenta (31%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 25.060, 213.037 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, 25.060, 213.037 by changing the saturation by 10% instead.


 67, 25.060,
213.037


 67, 25.060,
213.037


 100, 25.060,
213.037


 57, 25.060,
213.037


 87, 25.060,
213.037

 47, 25.060,
213.037

 97, 25.060,
213.037

 37, 25.060,
213.037

 27, 25.060,
213.037

 17, 25.060,
213.037

 7, 25.060, 213.037

 0, 25.060, 213.037

67, 25.060,
213.037

67, 25.060,
213.037

66, 28.490,
213.832

69, 20.928,
212.487

64, 31.154,
214.928

70, 16.183,
212.144

63, 33.025,
216.378

72, 10.919,
211.971

62, 34.132,
218.236

74, 5.233, 211.963

61, 34.621,
220.497

76, 0.786, 31.233

78, 7.058, 31.947

61, 34.673,
220.794

80, 13.516, 32.161

83, 20.104, 32.396

84, 23.292, 34.150

Harmonies

Complementary

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



67, 25.060, 213.037



54, 36.366, 34.072

Rectangle

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



67, 25.060, 213.037



67, 25.060, 263.037



67, 25.060, 33.037



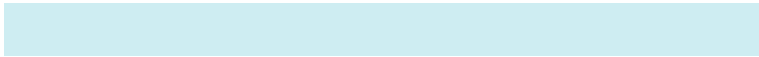
67, 25.060, 83.037

Sweetspot

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



67, 25.060, 213.035



92, 10.921, 211.947



69, 54.896, 143.685



49, 7.464, 211.959



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



67, 25.060, 213.035



83, 34.709, 213.852



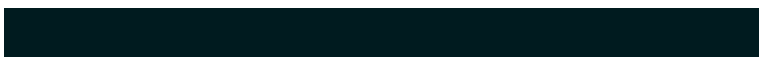
54, 33.408, 275.865



39, 3.424, 211.957



52, 30.671, 220.445



8, 9.894, 216.493

Inverse Universe

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



54, 54.078, 331.181



65, 77.369, 331.796



65, 34.795, 80.438



37, 6.455, 328.779



36, 73.006, 334.203



3, 18.862, 330.718

Previews

White Background



This preview shows how the CIELCh color 67, 25.060, 213.037 looks on a white background.

Color Contrast Check

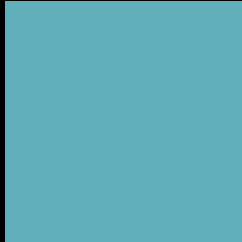
Large Text (above 18pt) WCAG AA × Fail

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, 25.060, 213.037 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, 25.060, 213.037

Background



This preview shows how black text looks on a background with the CIELCh color 67, 25.060, 213.037.

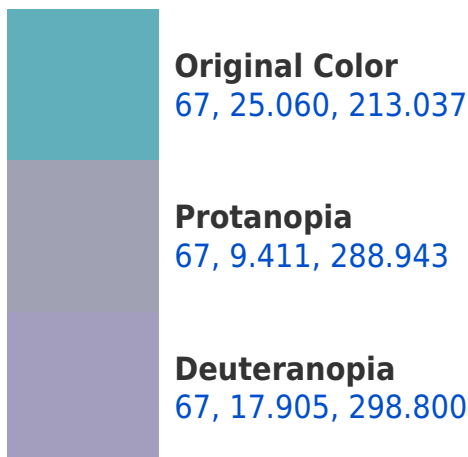


This preview shows how white text looks on a background with the CIELCh color 67, 25.060, 213.037.

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](#).

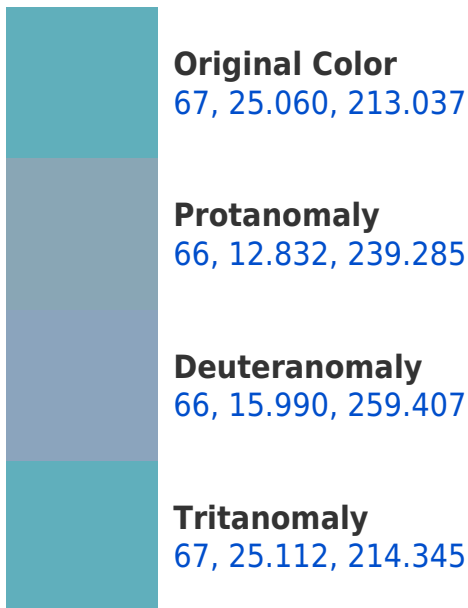
Dichromacy





Tritanopia
67, 25.176, 215.647

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 25.060, 213.037 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(96, 175, 187)` looks like.

```
.text, #text, p{  
    color:rgb(96, 175, 187)  
}
```

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(96, 175, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 175, 187) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 25.060, 213.037 is called "border". The border property can be set on classes, ids or directly on the HTML element.

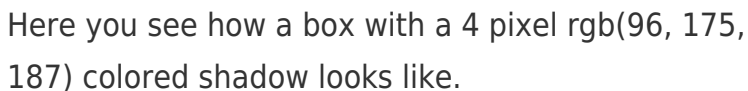
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(96, 175, 187) }
```

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

```
.border{ border-color:rgb(96, 175, 187) }
```

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



Here you see how a box with a 4 pixel `rgb(96, 175, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 175, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 175, 187);  
box-shadow:4px 4px 4px 4px rgb(96, 175,  
187) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 25.060, 213.037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 175, 187) }
```

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

```
.background{ background-color: rgb(96, 175,  
187) }
```

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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