

Converting Colors

CIELCh(67, 26.431, 205.159)

Have a look what the booklet for
CIELCh(67, 26.431, 205.159)
contains.

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Color

CIELCh(67, 26.416, 204.622)

Conversions

Conversions Part 1

Format	Color
Hex	5BB0B6
RGB	91, 176, 182
RGB Percent	36%, 69%, 71%
CMY	0.6433, 0.3100, 0.2864
CMYK	0.50, 0.03, 0.00, 0.29
HSL	184°, 38%, 54%
HSV	184°, 50%, 71%
XYZ	28.2664, 36.6320, 49.8144
YIQ	151.2690, -52.5860, -16.1540

Conversions

Conversions Part 2

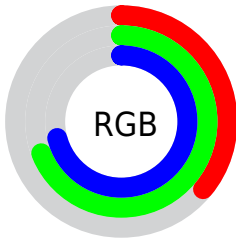
Format	Color
R_{YB}	91, 135, 182
Decimal	6009014
CIE _{Lab}	67.00, -24.01, -11.01
CIE _{LCh}	67, 26.416, 204.622
Yxy	36.6320, 0.2464, 0.3193
Android (android.graphics.Color)	4284199094 (0xFF5BB0B6)
YUV	151.2690, 15.1504, -52.8559
Hunter-Lab	60.5244, -22.5536, -6.4315

Details

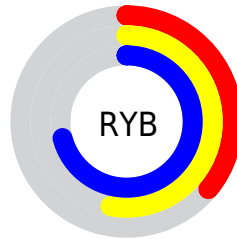
The CIELCh color **67, 26.416, 204.622** is a light color, and the websafe version is hex **339999**. A complement of this color would be **51, 38.532, 29.330**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 26.576, 204.552**, and **47, 26.347, 204.601** is the 20% darker color. If you saturate the color by 10%, you get **66, 29.850, 204.838**, and if you desaturate by 10%, it is **68, 22.243, 204.550**.

Distribution



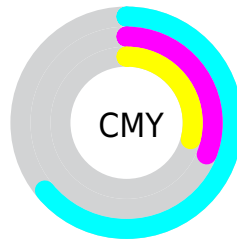
- Red (36%)
- Green (69%)
- Blue (71%)



- Red (36%)
- Yellow (53%)
- Blue (71%)



- Cyan (50%)
- Magenta (3%)
- Yellow (0%)
- Black (29%)





- Cyan (64%)
- Magenta (31%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 26.416, 204.622 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, 26.416, 204.622 by changing the saturation by 10% instead.

 67, 26.416,
204.622

 67, 26.416,
204.622


 100, 26.416,
204.622


 57, 26.416,
204.622


 87, 26.416,
204.622

 47, 26.416,
204.622

 97, 26.416,
204.622

 37, 26.416,
204.622

 27, 26.416,
204.622

 17, 26.416,
204.622

 7, 26.416, 204.622

 0, 26.416, 204.622

67, 26.416,
204.622

67, 26.416,
204.622

66, 29.850,
204.838

68, 22.243,
204.550

65, 32.484,
205.226

69, 17.416,
204.606

64, 34.299,
205.806

71, 12.034,
204.773

64, 35.324,
206.598

72, 6.199, 205.051

63, 35.748,
207.572

74, 0.011, 258.040

76, 6.455, 25.549

78, 13.112, 25.987

80, 19.901, 26.426

82, 26.771, 26.877

Harmonies

Complementary

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



67, 26.416, 204.622



51, 38.532, 29.330

Rectangle

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



67, 26.416, 204.622



67, 26.416, 254.622



67, 26.416, 24.622



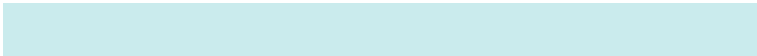
67, 26.416, 74.622

Sweetspot

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



67, 26.416, 204.620



91, 11.353, 204.889



67, 57.609, 141.692



48, 7.759, 204.835



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, 26.416, 204.620



84, 36.771, 204.869



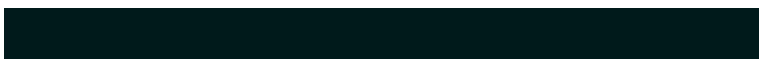
54, 30.691, 270.057



38, 3.540, 205.075



55, 31.866, 207.425



8, 9.515, 207.228

Inverse Universe

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



52, 56.656, 329.022



63, 81.665, 329.561



61, 33.829, 74.103



36, 6.606, 326.762



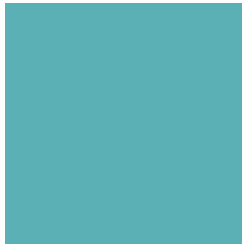
36, 75.915, 331.002



3, 17.603, 327.373

Previews

White Background



This preview shows how the CIELCh color 67, 26.416, 204.622 looks on a white background.

Color Contrast Check

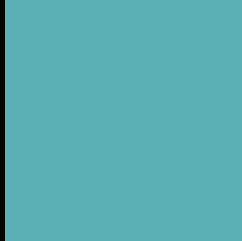
Large Text (above 18pt) WCAG AA × Fail

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, 26.416, 204.622 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

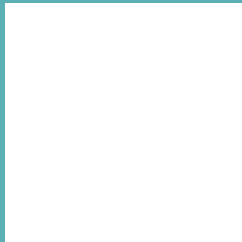
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 26.416, 204.622

Background



This preview shows how black text looks on a background with the CIELCh color 67, 26.416, 204.622.

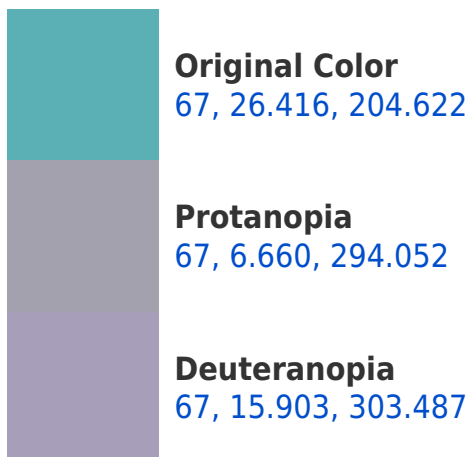


This preview shows how white text looks on a background with the CIELCh color 67, 26.416, 204.622.

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, 25.837, 215.123

Trichromacy



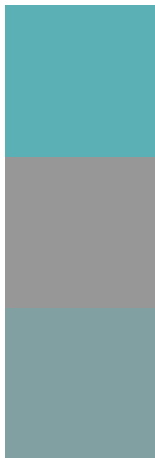
Original Color
67, 26.416, 204.622

Protanomaly
66, 11.751, 226.902

Deuteranomaly
66, 13.998, 251.490

Tritanomaly
67, 25.926, 211.155

Monochromacy



Original Color
67, 26.416, 204.622

Achromatopsia
62, 0.008, 296.813

Achromatomaly
64, 11.193, 204.224

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 26.416, 204.622 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(91, 176, 182)` looks like.

```
.text, #text, p{  
    color:rgb(91, 176, 182)  
}
```

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(91, 176, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 176, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 26.416, 204.622 is called "border". The border property can be set on classes, ids or directly on the HTML element.

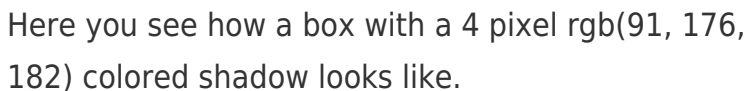
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(91, 176, 182) }
```

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

```
.border{ border-color:rgb(91, 176, 182) }
```

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



Here you see how a box with a 4 pixel `rgb(91, 176, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 176, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 176, 182);  
box-shadow:4px 4px 4px 4px rgb(91, 176,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 26.416, 204.622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 176, 182) }
```

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

```
.background{ background-color: rgb(91, 176,  
182) }
```

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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