

Converting Colors

CIELCh(67, 26.177, 209.980)

Have a look what the booklet for
CIELCh(67, 26.177, 209.980)
contains.

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Color

CIELCh(67, 26.363, 209.624)

Conversions

Conversions Part 1

Format	Color
Hex	5BB0BA
RGB	91, 176, 186
RGB Percent	36%, 69%, 73%
CMY	0.6447, 0.3113, 0.2721
CMYK	0.51, 0.05, 0.00, 0.27
HSL	186°, 41%, 54%
HSV	186°, 51%, 73%
XYZ	28.5461, 36.6320, 51.8047
YIQ	151.7250, -53.8700, -14.9100

Conversions

Conversions Part 2

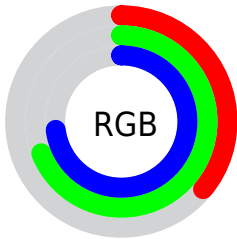
Format	Color
RYB	91, 136, 186
Decimal	6009018
CIELab	67.00, -22.92, -13.03
CIElCh	67, 26.363, 209.624
Yxy	36.6320, 0.2440, 0.3131
Android (android.graphics.Color)	4284199098 (0xFF5BB0BA)
YUV	151.7250, 16.8976, -53.2558
Hunter-Lab	60.5244, -21.7288, -8.3812

Details

The CIELCh color **67, 26.363, 209.624** is a light color, and the websafe version is hex **339999**. A complement of this color would be **52, 39.095, 32.321**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 26.329, 209.333**, and **47, 26.281, 210.029** is the 20% darker color. If you saturate the color by 10%, you get **66, 29.640, 210.222**, and if you desaturate by 10%, it is **68, 22.349, 209.236**.

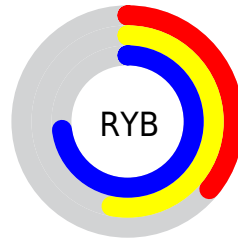
Distribution



Red (36%)

Green (69%)

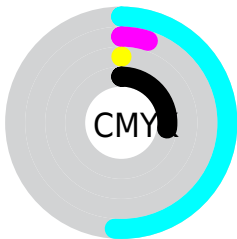
Blue (73%)



Red (36%)

Yellow (53%)

Blue (73%)

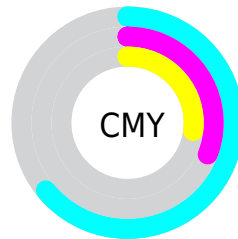


Cyan (51%)

Magenta (5%)

Yellow (0%)

Black (27%)



Cyan (64%)

Magenta (31%)


Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 26.363, 209.624 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, 26.363, 209.624 by changing the saturation by 10% instead.

 67, 26.363,
209.624

 67, 26.363,
209.624

 100, 26.363,
209.624

 57, 26.363,
209.624

 87, 26.363,
209.624

 47, 26.363,
209.624

 97, 26.363,
209.624

 37, 26.363,
209.624

 27, 26.363,
209.624

 17, 26.363,
209.624

 7, 26.363, 209.624

 0, 26.363, 209.624

67, 26.363,
209.624

67, 26.363,
209.624

66, 29.640,
210.222

68, 22.349,
209.236

65, 32.123,
211.077

70, 17.682,
209.028

64, 33.794,
212.226

71, 12.459,
208.970

63, 34.694,
213.709

73, 6.780, 209.050

62, 35.024,
215.252

75, 0.739, 209.820

77, 5.579, 29.221

79, 12.101, 29.533

81, 18.765, 29.849

83, 24.474, 30.494

Harmonies

Complementary

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



67, 26.363, 209.624



52, 39.095, 32.321

Rectangle

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



67, 26.363, 209.624



67, 26.363, 259.624



67, 26.363, 29.624



67, 26.363, 79.624

Sweetspot

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



67, 26.363, 209.622



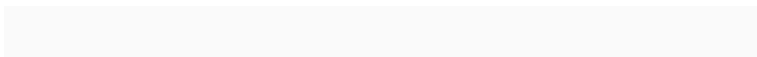
92, 11.155, 209.000



68, 57.827, 142.918



49, 7.624, 208.984



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, 26.363, 209.622



84, 36.484, 210.283



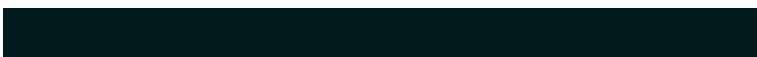
53, 34.168, 275.082



38, 3.419, 209.084



53, 30.767, 214.966



7, 9.077, 213.477

Inverse Universe

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



53, 57.241, 330.394



64, 81.943, 330.990



64, 36.116, 78.591



36, 6.429, 327.940



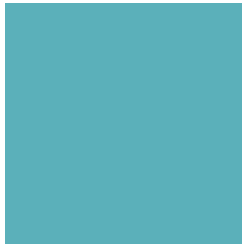
36, 73.642, 332.851



3, 16.904, 329.172

Previews

White Background



This preview shows how the CIELCh color 67, 26.363, 209.624 looks on a white background.

Color Contrast Check

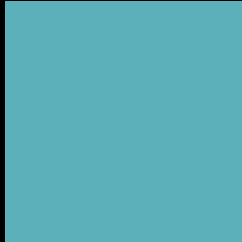
Large Text (above 18pt) WCAG AA × Fail

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, 26.363, 209.624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

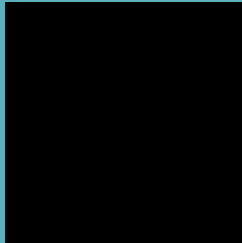
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

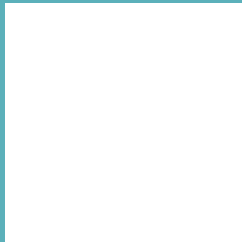
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 26.363, 209.624

Background



This preview shows how black text looks on a background with the CIELCh color 67, 26.363, 209.624.

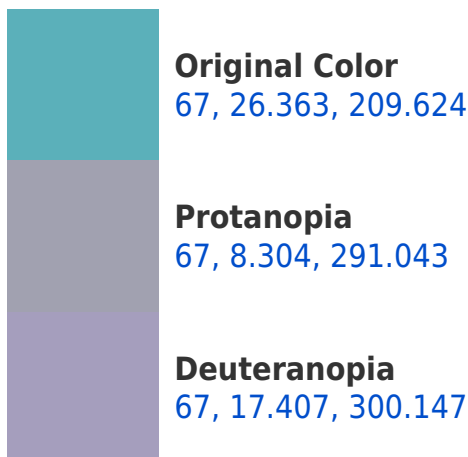


This preview shows how white text looks on a background with the CIELCh color 67, 26.363, 209.624.

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, 26.054, 214.957

Trichromacy



Original Color
67, 26.363, 209.624



Protanomaly
66, 12.761, 233.192



Deuteranomaly
66, 15.709, 257.176



Tritanomaly
67, 26.217, 213.541

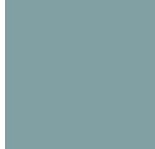
Monochromacy



Original Color
67, 26.363, 209.624



Achromatopsia
62, 0.008, 296.813



Achromatomaly
64, 11.262, 209.988

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 26.363, 209.624 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(91, 176, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 176, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 26.363, 209.624 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, 186) }
```

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

```
.border{ border-color:rgb(91, 176, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 176, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 176, 186);  
box-shadow:4px 4px 4px 4px rgb(91, 176,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 26.363, 209.624 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, 186) }
```

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

```
.background{ background-color: rgb(91, 176,  
186) }
```

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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