

Converting Colors

CIELCh(67, 27.428, 197.905)

Have a look what the booklet for
CIELCh(67, 27.428, 197.905)
contains.

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Color

CIELCh(67, 27.539, 197.196)

Conversions

Conversions Part 1

Format	Color
Hex	59B1B1
RGB	89, 177, 177
RGB Percent	35%, 69%, 69%
CMY	0.6519, 0.3068, 0.3068
CMYK	0.50, 0.00, 0.00, 0.31
HSL	180°, 36%, 52%
HSV	180°, 50%, 69%
XYZ	27.6876, 36.6320, 47.0884
YIQ	150.6880, -52.4480, -18.6560

Conversions

Conversions Part 2

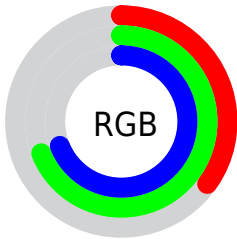
Format	Color
RYB	89, 133, 177
Decimal	5878193
CIELab	67.00, -26.31, -8.14
CIELCh	67, 27.539, 197.196
Yxy	36.6320, 0.2485, 0.3288
Android (android.graphics.Color)	4284068273 (0xFF59B1B1)
YUV	150.6880, 12.9718, -54.1004
Hunter-Lab	60.5244, -24.2607, -3.7610

Details

The CIELCh color **67, 27.539, 197.196** is a light color, and the websafe version is hex **339999**. A complement of this color would be **48, 39.414, 24.968**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 27.391, 197.611**, and **47, 27.516, 197.827** is the 20% darker color. If you saturate the color by 10%, you get **66, 31.200, 196.909**, and if you desaturate by 10%, it is **68, 23.132, 197.542**.

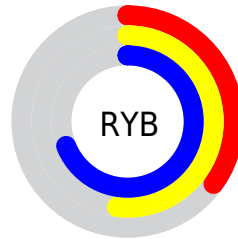
Distribution



Red (35%)

Green (69%)

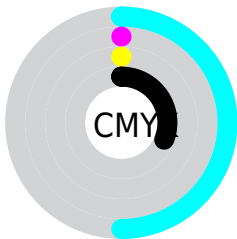
Blue (69%)



Red (35%)

Yellow (52%)

Blue (69%)

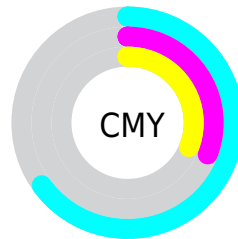


Cyan (50%)

Magenta (0%)

Yellow (0%)

Black (31%)



Cyan (65%)


Magenta (31%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 27.539, 197.196 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, 27.539, 197.196 by changing the saturation by 10% instead.


 67, 27.539,
197.196


 67, 27.539,
197.196


 100, 27.539,
197.196


 57, 27.539,
197.196


 87, 27.539,
197.196

 47, 27.539,
197.196

 97, 27.539,
197.196

 37, 27.539,
197.196

 27, 27.539,
197.196

 17, 27.539,
197.196

 7, 27.539, 197.196

 0, 27.539, 197.196

67, 27.539,
197.196

67, 27.539,
197.196

66, 31.200,
196.909

68, 23.132,
197.542

66, 34.062,
196.690

69, 18.060,
197.951

66, 36.111,
196.534

70, 12.421,
198.419

65, 37.382,
196.438

71, 6.320, 198.959

65, 38.058,
196.387

72, 0.143, 15.885

65, 38.072,
196.386

74, 6.872, 19.912

75, 13.789, 20.540

77, 20.823, 21.159

79, 27.920, 21.781

Harmonies

Complementary

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



67, 27.539, 197.196



48, 39.414, 24.968

Rectangle

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



67, 27.539, 197.196



67, 27.539, 247.196



67, 27.539, 17.196



67, 27.539, 67.196

Sweetspot

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



67, 27.539, 197.194



89, 11.802, 198.652



65, 57.626, 140.113



47, 7.995, 198.544



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



67, 27.539, 197.194



84, 38.412, 196.878



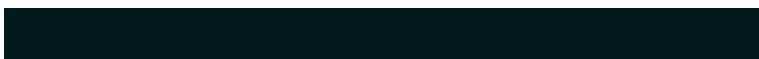
54, 27.426, 262.791



37, 3.691, 198.986



57, 34.226, 196.386



7, 9.138, 199.102

Inverse Universe

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



48, 39.414, 24.968



57, 60.341, 27.581



58, 32.147, 67.592



35, 3.911, 19.912



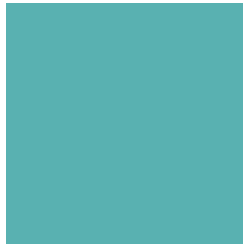
31, 70.930, 39.526



2, 9.156, 19.405

Previews

White Background



This preview shows how the CIELCh color 67, 27.539, 197.196 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, 27.539, 197.196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

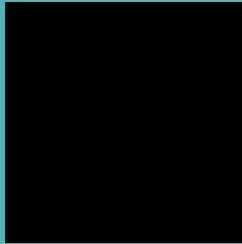
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

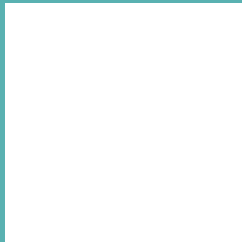
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 27.539, 197.196

Background



This preview shows how black text looks on a background with the CIELCh color 67, 27.539, 197.196.

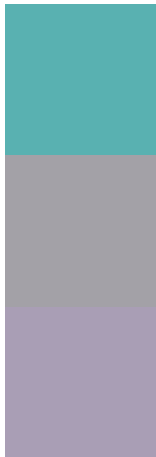


This preview shows how white text looks on a background with the CIELCh color 67, 27.539, 197.196.

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, 27.539, 197.196

Protanopia
67, 3.420, 303.223

Deuteranopia
67, 13.417, 308.882



Tritanopia
67, 25.837, 215.123

Trichromacy



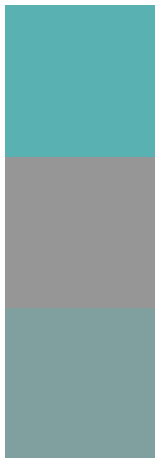
Original Color
67, 27.539, 197.196

Protanomaly
66, 11.205, 209.985

Deuteranomaly
66, 11.524, 241.332

Tritanomaly
67, 26.359, 208.372

Monochromacy



Original Color
67, 27.539, 197.196

Achromatopsia
62, 0.008, 296.813

Achromatomaly
64, 11.573, 198.416

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 27.539, 197.196 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(89, 177, 177)` looks like.

```
.text, #text, p{  
    color:rgb(89, 177, 177)  
}
```

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(89, 177, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 177, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 27.539, 197.196 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(89, 177, 177) }
```

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

```
.border{ border-color:rgb(89, 177, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 177, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 177, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 177, 177);  
box-shadow:4px 4px 4px 4px rgb(89, 177,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 27.539, 197.196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 177, 177) }
```

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

```
.background{ background-color: rgb(89, 177,  
177) }
```

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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