

Converting Colors

CIELCh(67, 26.818, 219.999)

Have a look what the booklet for
CIELCh(67, 26.818, 219.999)
contains.

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Color

CIELCh(67, 26.793, 219.562)

Conversions

Conversions Part 1

Format	Color
Hex	5AAFC1
RGB	90, 175, 193
RGB Percent	35%, 69%, 76%
CMY	0.6475, 0.3141, 0.2436
CMYK	0.53, 0.09, 0.00, 0.24
HSL	190°, 45%, 55%
HSV	190°, 53%, 76%
XYZ	29.1284, 36.6320, 55.9242
YIQ	151.6370, -56.4380, -12.4220

Conversions

Conversions Part 2

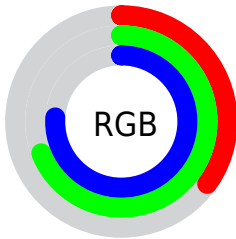
Format	Color
RYB	90, 137, 193
Decimal	5943233
CIELab	67.00, -20.66, -17.06
CIELCh	67, 26.793, 219.562
Yxy	36.6320, 0.2394, 0.3010
Android (android.graphics.Color)	4284133313 (0xFF5AAFC1)
YUV	151.6370, 20.3920, -54.0556
Hunter-Lab	60.5244, -20.0115, -12.4166

Details

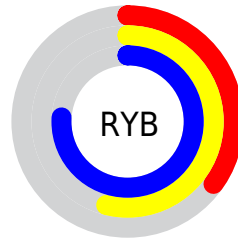
The CIELCh color **67, 26.793, 219.562** is a light color, and the websafe version is hex **669999**. The color can be described as light muted azure. A complement of this color would be **55, 40.488, 37.945**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 26.842, 218.597**, and **47, 26.770, 219.382** is the 20% darker color. If you saturate the color by 10%, you get **65, 29.936, 220.962**, and if you desaturate by 10%, it is **69, 22.937, 218.513**.

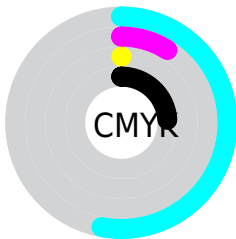
Distribution



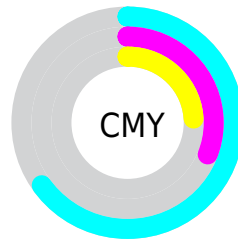
- Red (35%)
- Green (69%)
- Blue (76%)



- Red (35%)
- Yellow (54%)
- Blue (76%)



- Cyan (53%)
- Magenta (9%)
- Yellow (0%)
- Black (24%)





- Cyan (65%)
- Magenta (31%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 26.793, 219.562 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, 26.793, 219.562 by changing the saturation by 10% instead.

 67, 26.793,
219.562

 67, 26.793,
219.562


 100, 26.793,
219.562


 57, 26.793,
219.562


 87, 26.793,
219.562

 47, 26.793,
219.562

 97, 26.793,
219.562

 37, 26.793,
219.562

 27, 26.793,
219.562

 17, 26.793,
219.562

 7, 26.793, 219.562

 0, 26.793, 219.562

67, 26.793,
219.562

67, 26.793,
219.562

65, 29.936,
220.962

69, 22.937,
218.513

64, 32.323,
222.791

71, 18.445,
217.754

62, 33.960,
225.122

73, 13.406,
217.231

61, 34.917,
228.015

75, 7.914, 216.906

61, 35.327,
230.153

77, 2.059, 216.888

80, 4.079, 36.400

82, 10.429, 36.467

85, 16.934, 36.539

86, 20.317, 39.031

Harmonies

Complementary

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



67, 26.793, 219.562



55, 40.488, 37.945

Rectangle

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



67, 26.793, 219.562



67, 26.793, 269.562



67, 26.793, 39.562



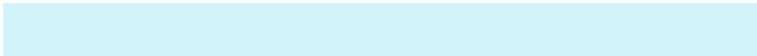
67, 26.793, 89.562

Sweetspot

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



67, 26.792, 219.560



94, 11.568, 216.979



70, 59.163, 144.601



49, 7.761, 217.042



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



67, 26.792, 219.560



83, 36.898, 221.225



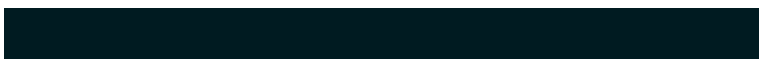
52, 40.415, 281.111



40, 3.398, 216.834



51, 30.839, 229.638



8, 10.511, 222.601

Inverse Universe

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



54, 58.454, 333.083



64, 83.082, 333.888



67, 40.515, 84.053



38, 6.402, 330.199



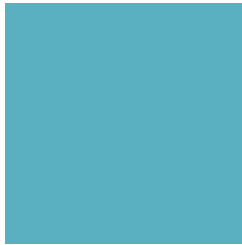
36, 71.492, 336.551



4, 20.525, 333.280

Previews

White Background



This preview shows how the CIELCh color 67, 26.793, 219.562 looks on a white background.

Color Contrast Check

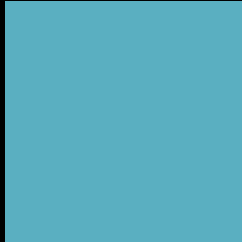
Large Text (above 18pt) WCAG AA × Fail

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, 26.793, 219.562 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, 26.793, 219.562

Background



This preview shows how black text looks on a background with the CIELCh color 67, 26.793, 219.562.

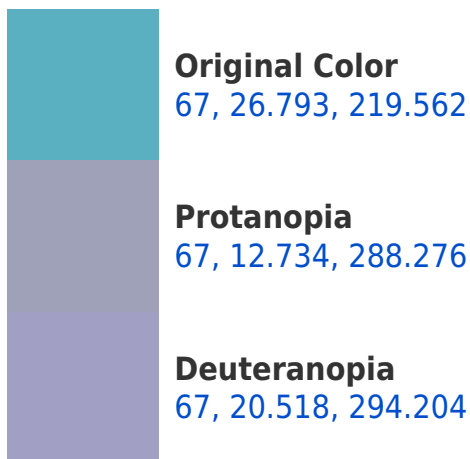


This preview shows how white text looks on a background with the CIELCh color 67, 26.793, 219.562.

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, 26.751, 215.716

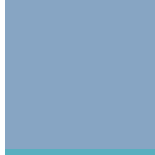
Trichromacy



Original Color
67, 26.793, 219.562



Protanomaly
66, 15.605, 247.224



Deuteranomaly
67, 19.020, 260.252



Tritanomaly
67, 26.821, 216.943

Monochromacy



Original Color
67, 26.793, 219.562



Achromatopsia
63, 0.008, 296.813



Achromatomaly
64, 11.565, 218.379

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 26.793, 219.562 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(90, 175, 193)` looks like.

```
.text, #text, p{  
    color:rgb(90, 175, 193)  
}
```

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(90, 175, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(90, 175, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 26.793, 219.562 is called "border". The border property can be set on classes, ids or directly on the HTML element.

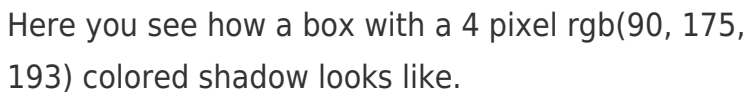
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(90, 175, 193) }
```

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

```
.border{ border-color:rgb(90, 175, 193) }
```

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



Here you see how a box with a 4 pixel `rgb(90, 175, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(90, 175, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(90, 175, 193);  
box-shadow:4px 4px 4px 4px rgb(90, 175,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 26.793, 219.562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(90, 175, 193) }
```

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

```
.background{ background-color: rgb(90, 175,  
193) }
```

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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