

Converting Colors

CIELCh(67, 25.467, 193.579)

Have a look what the booklet for
CIELCh(67, 25.467, 193.579)
contains.

CIELCh(67, 25.466, 193.566)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(67, 25.466, 193.566)

Conversions

Conversions Part 1

Format	Color
Hex	62B0AD
RGB	98, 176, 173
RGB Percent	38%, 69%, 68%
CMY	0.6159, 0.3101, 0.3218
CMYK	0.44, 0.00, 0.02, 0.31
HSL	178°, 33%, 54%
HSV	178°, 44%, 69%
XYZ	28.0785, 36.6320, 45.0922
YIQ	152.3360, -45.5250, -17.4690

Conversions

Conversions Part 2

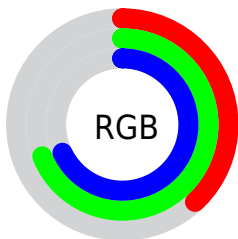
Format	Color
RYB	98, 138, 176
Decimal	6467757
CIELab	67.00, -24.76, -5.97
CIELCh	67, 25.466, 193.566
Yxy	36.6320, 0.2557, 0.3336
Android (android.graphics.Color)	4284657837 (0xFF62B0AD)
YUV	152.3360, 10.1874, -47.6527
Hunter-Lab	60.5244, -23.1079, -1.8055

Details

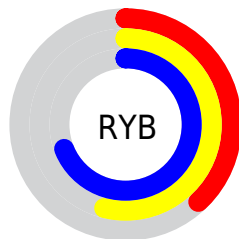
The CIELCh color **67, 25.466, 193.566** is a light color, and the websafe version is hex **339999**. A complement of this color would be **51, 34.058, 21.122**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 25.632, 192.981**, and **47, 25.370, 194.044** is the 20% darker color. If you saturate the color by 10%, you get **66, 29.669, 193.021**, and if you desaturate by 10%, it is **68, 20.581, 194.131**.

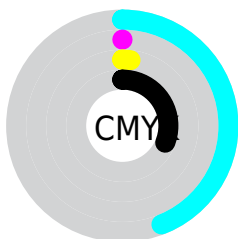
Distribution



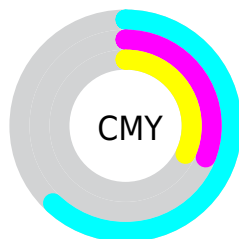
- Red (38%)
- Green (69%)
- Blue (68%)



- Red (38%)
- Yellow (54%)
- Blue (69%)



- Cyan (44%)
- Magenta (0%)
- Yellow (2%)
- Black (31%)





- Cyan (62%)
- Magenta (31%)
- Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 25.466, 193.566 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, 25.466, 193.566 by changing the saturation by 10% instead.

 67, 25.466,
193.566


 67, 25.466,
193.566


 100, 25.466,
193.566

 57, 25.466,
193.566

 87, 25.466,
193.566

 47, 25.466,
193.566

 97, 25.466,
193.566

 37, 25.466,
193.566

 27, 25.466,
193.566

 17, 25.466,
193.566

 7, 25.466, 193.566

 0, 25.466, 193.566

67, 25.466,
193.566

67, 25.466,
193.566

66, 29.669,
193.021

68, 20.581,
194.131

66, 33.114,
192.498

69, 15.111,
194.725

65, 35.758,
191.988

70, 9.160, 195.355

65, 37.600,
191.481

71, 2.833, 196.103

73, 3.774, 16.439

65, 38.696,
190.965

74, 10.575, 17.179

65, 39.128,
190.672

76, 17.499, 17.859

78, 24.486, 18.532

79, 30.978, 19.103

Harmonies

Complementary

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



67, 25.466, 193.566



51, 34.058, 21.122

Rectangle

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



67, 25.466, 193.566



67, 25.466, 243.566



67, 25.466, 13.566



67, 25.466, 63.566

Sweetspot

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



67, 25.466, 193.564



89, 10.341, 195.428



66, 51.027, 139.949



47, 7.188, 195.286



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, 25.466, 193.564



84, 36.002, 193.043



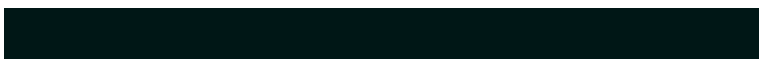
57, 23.612, 257.370



36, 3.619, 195.697



56, 34.854, 190.740



6, 7.836, 194.740

Inverse Universe

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



51, 34.058, 21.122



60, 51.753, 23.101



59, 27.926, 64.822



34, 3.819, 16.792



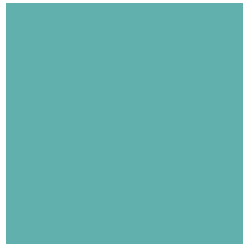
31, 68.587, 37.895



2, 7.814, 16.793

Previews

White Background



This preview shows how the CIELCh color 67, 25.466, 193.566 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, 25.466, 193.566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

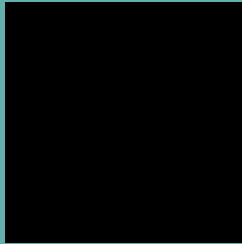
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

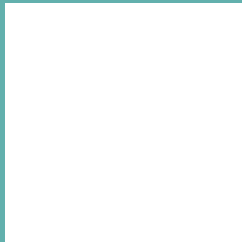
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 25.466, 193.566

Background



This preview shows how black text looks on a background with the CIELCh color 67, 25.466, 193.566.

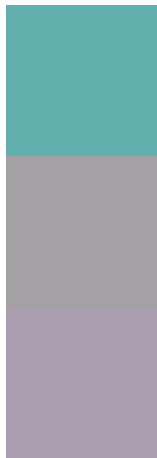


This preview shows how white text looks on a background with the CIELCh color 67, 25.466, 193.566.

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

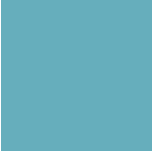
67, 25.466, 193.566

Protanopia

67, 2.029, 324.431

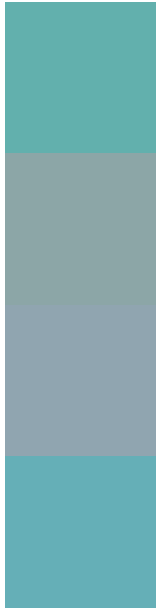
Deuteranopia

67, 11.624, 315.660



Tritanopia
67, 23.563, 217.055

Trichromacy



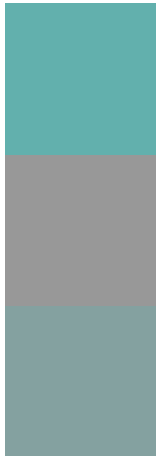
Original Color
67, 25.466, 193.566

Protanomaly
66, 9.436, 202.023

Deuteranomaly
67, 9.513, 238.870

Tritanomaly
67, 23.762, 208.393

Monochromacy



Original Color
67, 25.466, 193.566

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 10.598, 195.476

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 25.466, 193.566 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(98, 176, 173)` looks like.

```
.text, #text, p{  
    color:rgb(98, 176, 173)  
}
```

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(98, 176, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 176, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 25.466, 193.566 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(98, 176, 173) }
```

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

```
.border{ border-color:rgb(98, 176, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 176, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 176, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 176, 173);  
box-shadow:4px 4px 4px 4px rgb(98, 176,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 25.466, 193.566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 176, 173) }
```

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

```
.background{ background-color: rgb(98, 176,  
173) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor