

Converting Colors

CIELCh(67, 26.049, 189.347)

Have a look what the booklet for
CIELCh(67, 26.049, 189.347)
contains.

CIELCh(67, 25.903, 189.868)	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, 25.903, 189.868)

Conversions

Conversions Part 1

Format	Color
Hex	62B0AA
RGB	98, 176, 170
RGB Percent	38%, 69%, 67%
CMY	0.6150, 0.3091, 0.3327
CMYK	0.44, 0.00, 0.03, 0.31
HSL	175°, 33%, 54%
HSV	175°, 44%, 69%
XYZ	27.8856, 36.6320, 43.7143
YIQ	151.9940, -44.5620, -18.4020

Conversions

Conversions Part 2

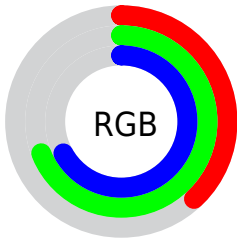
Format	Color
RYB	98, 139, 176
Decimal	6467754
CIELab	67.00, -25.52, -4.44
CIElCh	67, 25.903, 189.868
Yxy	36.6320, 0.2576, 0.3385
Android (android.graphics.Color)	4284657834 (0xFF62B0AA)
YUV	151.9940, 8.8770, -47.3527
Hunter-Lab	60.5244, -23.6767, -0.4557

Details

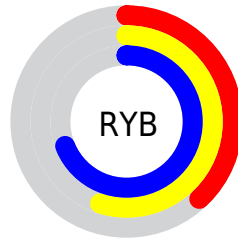
The CIELCh color **67, 25.903, 189.868** is a light color, and the websafe version is hex **339999**. A complement of this color would be **51, 33.800, 18.236**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 26.018, 189.513**, and **47, 25.908, 190.044** is the 20% darker color. If you saturate the color by 10%, you get **66, 30.283, 189.130**, and if you desaturate by 10%, it is **68, 20.864, 190.593**.

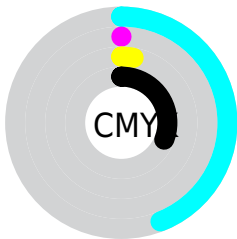
Distribution



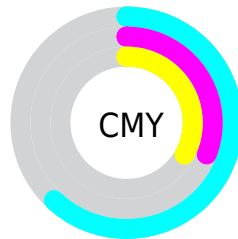
- Red (38%)
- Green (69%)
- Blue (67%)



- Red (38%)
- Yellow (55%)
- Blue (69%)



- Cyan (44%)
- Magenta (0%)
- Yellow (3%)
- Black (31%)




- Cyan (62%)
- Magenta (31%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 25.903, 189.868 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, 25.903, 189.868 by changing the saturation by 10% instead.

 67, 25.903,
189.868


 67, 25.903,
189.868

 100, 25.903,
189.868

 57, 25.903,
189.868

 87, 25.903,
189.868

 47, 25.903,
189.868

 97, 25.903,
189.868

 37, 25.903,
189.868

 27, 25.903,
189.868

 17, 25.903,
189.868

 7, 25.903, 189.868

 0, 25.903, 189.868

67, 25.903,
189.868

67, 25.903,
189.868

66, 30.283,
189.130

68, 20.864,
190.593

66, 33.921,
188.374

69, 15.264,
191.320

65, 36.767,
187.586

70, 9.213, 192.058

65, 38.815,
186.751

71, 2.814, 192.896

73, 3.835, 13.310

65, 40.116,
185.852

74, 10.651, 14.108

65, 40.667,
185.324

76, 17.564, 14.838

78, 24.518, 15.551

79, 30.785, 16.055

Harmonies

Complementary

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



67, 25.903, 189.868



51, 33.800, 18.236

Rectangle

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



67, 25.903, 189.868



67, 25.903, 239.868



67, 25.903, 9.868



67, 25.903, 59.868

Sweetspot

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



67, 25.903, 189.866



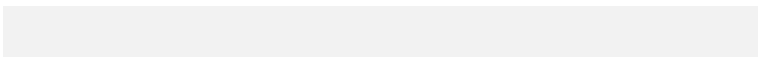
89, 10.428, 192.137



66, 50.510, 139.203



47, 7.253, 191.974



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, 25.903, 189.866



84, 36.732, 189.156



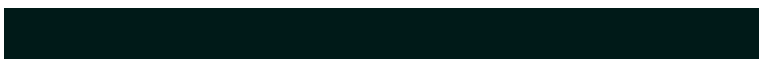
58, 22.866, 253.123



37, 3.734, 192.440



57, 36.620, 185.438



7, 9.303, 189.941

Inverse Universe

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



51, 33.800, 18.236



61, 51.192, 20.282



58, 27.799, 61.349



35, 3.925, 13.688



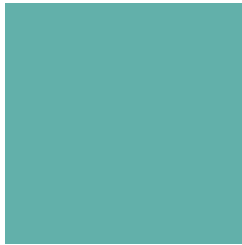
31, 68.114, 36.327



2, 9.200, 14.470

Previews

White Background



This preview shows how the CIELCh color 67, 25.903, 189.868 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, 25.903, 189.868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

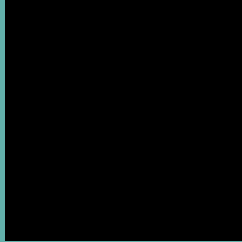
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

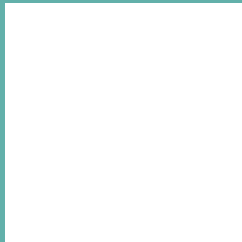
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 25.903, 189.868

Background



This preview shows how black text looks on a background with the CIELCh color 67, 25.903, 189.868.



This preview shows how white text looks on a background with the CIELCh color 67, 25.903, 189.868.

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](#).

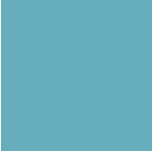
Dichromacy



Original Color
67, 25.903, 189.868

Protanopia
67, 1.631, 359.473

Deuteranopia
67, 10.334, 321.413



Tritanopia
67, 23.326, 217.275

Trichromacy



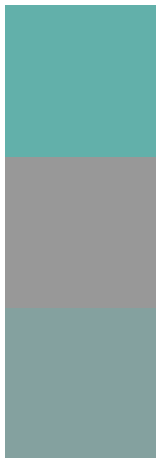
Original Color
67, 25.903, 189.868

Protanomaly
67, 9.592, 191.970

Deuteranomaly
66, 8.352, 231.044

Tritanomaly
67, 23.761, 207.012

Monochromacy



Original Color
67, 25.903, 189.868

Achromatopsia
63, 0.008, 296.813

Achromatomaly
64, 10.685, 192.477

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 25.903, 189.868 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(98, 176, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 176, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 25.903, 189.868 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, 170) }
```

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

```
.border{ border-color:rgb(98, 176, 170) }
```

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, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 176, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 176, 170);  
box-shadow:4px 4px 4px 4px rgb(98, 176,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 25.903, 189.868 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, 170) }
```

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

```
.background{ background-color: rgb(98, 176,  
170) }
```

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