

Converting Colors

CIELCh(67, 31.093, 182.117)

Have a look what the booklet for
CIELCh(67, 31.093, 182.117)
contains.

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Color

CIELCh(67, 30.878, 182.274)

Conversions

Conversions Part 1

Format	Color
Hex	56B2A4
RGB	86, 178, 164
RGB Percent	34%, 70%, 64%
CMY	0.6616, 0.3009, 0.3558
CMYK	0.52, 0.00, 0.08, 0.30
HSL	171°, 37%, 52%
HSV	171°, 52%, 70%
XYZ	26.5640, 36.6320, 40.9192
YIQ	148.8960, -50.3380, -23.8580

Conversions

Conversions Part 2

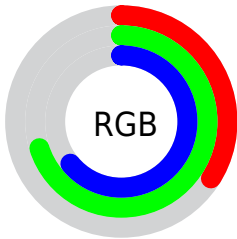
Format	Color
RYB	86, 136, 178
Decimal	5681828
CIELab	67.00, -30.85, -1.23
CIELCh	67, 30.878, 182.274
Yxy	36.6320, 0.2551, 0.3518
Android (android.graphics.Color)	4283871908 (0xFF56B2A4)
YUV	148.8960, 7.4463, -55.1598
Hunter-Lab	60.5244, -27.5745, 2.2823

Details

The CIELCh color **67, 30.878, 182.274** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **48, 39.959, 14.075**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 30.885, 182.521**, and **47, 31.107, 181.720** is the 20% darker color. If you saturate the color by 10%, you get **66, 35.184, 181.187**, and if you desaturate by 10%, it is **68, 25.884, 183.283**.

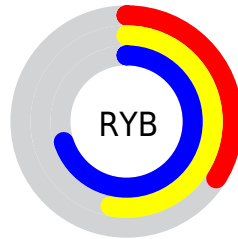
Distribution



Red (34%)

Green (70%)

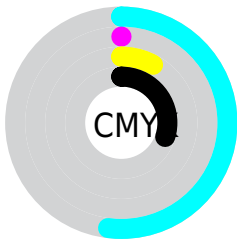
Blue (64%)



Red (34%)

Yellow (53%)

Blue (70%)

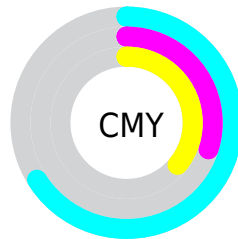


Cyan (52%)

Magenta (0%)

Yellow (8%)

Black (30%)



Cyan (66%)

Magenta (30%)

Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 30.878, 182.274 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, 30.878, 182.274 by changing the saturation by 10% instead.

 67, 30.878,
182.274


 67, 30.878,
182.274


 100, 30.878,
182.274


 57, 30.878,
182.274


 87, 30.878,
182.274

 47, 30.878,
182.274

 97, 30.878,
182.274

 37, 30.878,
182.274

 27, 30.878,
182.274

 17, 30.878,
182.274

 7, 30.878, 182.274

 0, 30.878, 182.274

67, 30.878,
182.274

67, 30.878,
182.274

66, 35.184,
181.187

68, 25.884,
183.283

66, 38.730,
180.007

69, 20.297,
184.238

65, 41.488,
178.712

70, 14.229,
185.151

65, 43.484,
177.282

71, 7.791, 186.046

65, 44.742,
176.009

72, 1.088, 187.264

74, 5.790, 7.553

76, 12.763, 8.390

77, 19.768, 9.174

79, 26.758, 9.932

Harmonies

Complementary

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



67, 30.878, 182.274



48, 39.959, 14.075

Rectangle

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



67, 30.878, 182.274



67, 30.878, 232.274



67, 30.878, 2.274



67, 30.878, 52.274

Sweetspot

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



67, 30.878, 182.272



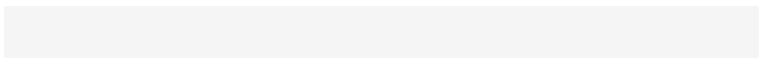
89, 12.403, 185.718



66, 57.427, 136.650



48, 8.496, 185.532



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



67, 30.878, 182.272



84, 43.549, 181.020



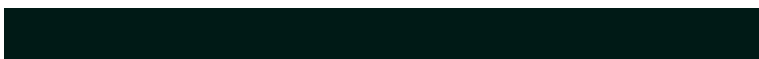
58, 24.784, 243.278



37, 3.822, 186.254



56, 39.883, 176.215



7, 9.649, 181.764

Inverse Universe

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



48, 39.959, 14.075



57, 59.907, 17.090



55, 33.812, 52.283



35, 3.984, 7.712



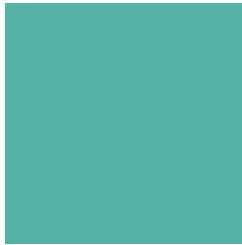
31, 64.977, 31.989



2, 9.309, 9.721

Previews

White Background



This preview shows how the CIE LCh color 67, 30.878, 182.274 looks on a white background.

Color Contrast Check

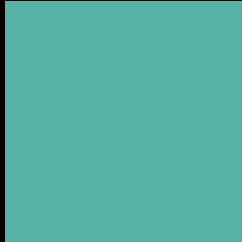
Large Text (above 18pt) WCAG AA × Fail

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, 30.878, 182.274 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, 30.878, 182.274

Background



This preview shows how black text looks on a background with the CIELCh color 67, 30.878, 182.274.

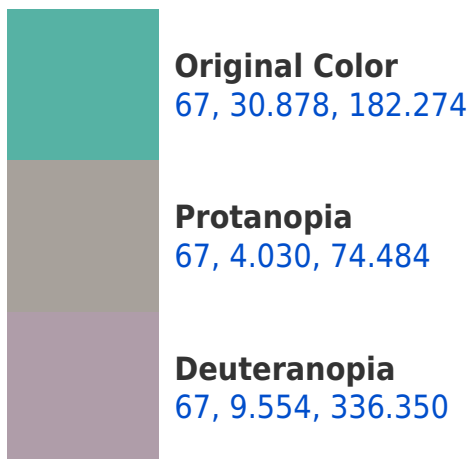


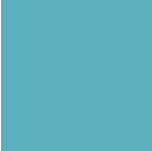
This preview shows how white text looks on a background with the CIELCh color 67, 30.878, 182.274.

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, 25.619, 215.293

Trichromacy



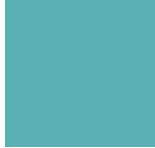
Original Color
67, 30.878, 182.274



Protanomaly
66, 11.932, 173.667



Deuteranomaly
66, 8.072, 206.695



Tritanomaly
67, 26.510, 202.138

Monochromacy



Original Color
67, 30.878, 182.274



Achromatopsia
62, 0.008, 296.813



Achromatomaly
63, 12.802, 185.627

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 30.878, 182.274 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(86, 178, 164)` looks like.

```
.text, #text, p{  
    color:rgb(86, 178, 164)  
}
```

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(86, 178, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 178, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 30.878, 182.274 is called "border". The border property can be set on classes, ids or directly on the HTML element.

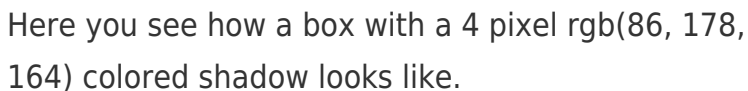
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(86, 178, 164) }
```

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

```
.border{ border-color:rgb(86, 178, 164) }
```

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



Here you see how a box with a 4 pixel `rgb(86, 178, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(86, 178, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(86, 178, 164); box-shadow:4px 4px 4px 4px rgb(86, 178, 164) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 30.878, 182.274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 178, 164) }
```

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

```
.background{ background-color: rgb(86, 178,  
164) }
```

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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