

Converting Colors

CIELCh(67, 30.688, 200.196)

Have a look what the booklet for
CIELCh(67, 30.688, 200.196)
contains.

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Color

CIELCh(67, 30.603, 200.133)

Conversions

Conversions Part 1

Format	Color
Hex	4AB2B5
RGB	74, 178, 181
RGB Percent	29%, 70%, 71%
CMY	0.7098, 0.3020, 0.2902
CMYK	0.59, 0.02, 0.00, 0.29
HSL	182°, 42%, 50%
HSV	182°, 59%, 71%
XYZ	27.0843, 36.6320, 49.3580
YIQ	147.2460, -62.9470, -21.1150

Conversions

Conversions Part 2

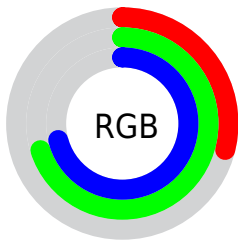
Format	Color
RYB	74, 127, 181
Decimal	4895413
CIELab	67.00, -28.73, -10.53
CIElCh	67, 30.603, 200.133
Yxy	36.6320, 0.2395, 0.3240
Android (android.graphics.Color)	4283085493 (0xFF4AB2B5)
YUV	147.2460, 16.6407, -64.2367
Hunter-Lab	60.5244, -26.0399, -5.9843

Details

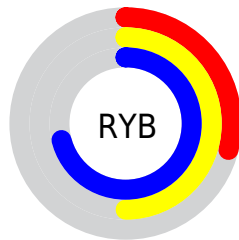
The CIELCh color **67, 30.603, 200.133** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **46, 47.891, 28.662**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 30.671, 200.388**, and **47, 29.121, 200.002** is the 20% darker color. If you saturate the color by 10%, you get **66, 33.439, 200.142**, and if you desaturate by 10%, it is **68, 26.960, 200.225**.

Distribution



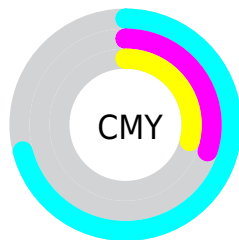
- Red (29%)
- Green (70%)
- Blue (71%)



- Red (29%)
- Yellow (50%)
- Blue (71%)



- Cyan (59%)
- Magenta (2%)
- Yellow (0%)
- Black (29%)





- Cyan (71%)
- Magenta (30%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 30.603, 200.133 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, 30.603, 200.133 by changing the saturation by 10% instead.


 67, 30.603,
200.133


 67, 30.603,
200.133


 100, 30.603,
200.133


 57, 30.603,
200.133


 87, 30.603,
200.133

 47, 30.603,
200.133

 97, 30.603,
200.133

 37, 30.603,
200.133

 27, 30.603,
200.133

 17, 30.603,
200.133

 7, 30.603, 200.133

 0, 30.603, 200.133

67, 30.603,
200.133

67, 30.603,
200.133

66, 33.439,
200.142

68, 26.960,
200.225

66, 35.448,
200.265

69, 22.570,
200.415

66, 36.658,
200.503

70, 17.519,
200.690

65, 37.226,
200.843

71, 11.908,
201.044

65, 37.268,
200.874

72, 5.841, 201.489

74, 0.583, 20.966

75, 7.272, 22.265

77, 14.148, 22.814

79, 21.145, 23.361

Harmonies

Complementary

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



67, 30.603, 200.133



46, 47.891, 28.662

Rectangle

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



67, 30.603, 200.133



67, 30.603, 250.133



67, 30.603, 20.133



67, 30.603, 70.133

Sweetspot

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



67, 30.603, 200.131



90, 13.882, 201.076



66, 67.928, 139.796



47, 9.551, 200.965



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, 30.603, 200.131



84, 41.465, 200.167



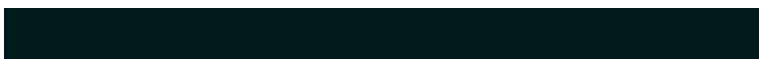
51, 34.385, 269.312



37, 3.587, 201.478



56, 32.938, 200.813



7, 8.755, 202.853

Inverse Universe

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



49, 66.694, 328.244



59, 93.565, 328.731



58, 39.968, 69.657



35, 6.624, 325.684



36, 77.239, 329.360



3, 15.794, 325.604

Previews

White Background



This preview shows how the CIELCh color 67, 30.603, 200.133 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, 30.603, 200.133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

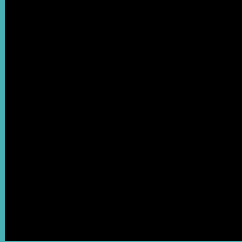
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

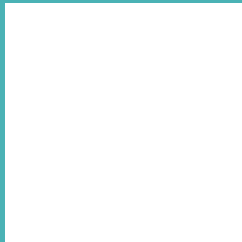
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 30.603, 200.133

Background



This preview shows how black text looks on a background with the CIELCh color 67, 30.603, 200.133.

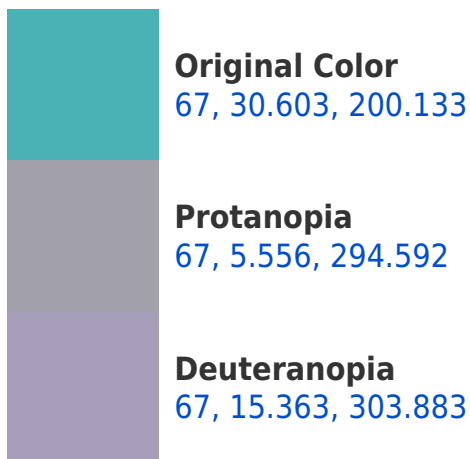


This preview shows how white text looks on a background with the CIELCh color 67, 30.603, 200.133.

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, 29.114, 214.015

Trichromacy



Original Color
67, 30.603, 200.133



Protanomaly
66, 13.488, 217.711



Deuteranomaly
66, 14.891, 244.012

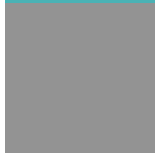


Tritanomaly
67, 29.450, 208.102

Monochromacy



Original Color
67, 30.603, 200.133



Achromatopsia
61, 0.008, 296.813



Achromatomaly
62, 13.549, 200.620

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 30.603, 200.133 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(74, 178, 181)` looks like.

```
.text, #text, p{  
    color:rgb(74, 178, 181)  
}
```

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(74, 178, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 178, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 30.603, 200.133 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(74, 178, 181) }
```

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

```
.border{ border-color:rgb(74, 178, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 178, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 178, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 178, 181);  
box-shadow:4px 4px 4px 4px rgb(74, 178,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 30.603, 200.133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 178, 181) }
```

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

```
.background{ background-color: rgb(74, 178,  
181) }
```

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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