

Converting Colors

CIELCh(67, 30.297, 159.287)

Have a look what the booklet for
CIELCh(67, 30.297, 159.287)
contains.

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Color

CIELCh(67, 30.066, 159.729)

Conversions

Conversions Part 1

Format	Color
Hex	6FB08F
RGB	111, 176, 143
RGB Percent	44%, 69%, 56%
CMY	0.5630, 0.3080, 0.4375
CMYK	0.37, 0.00, 0.19, 0.31
HSL	150°, 29%, 56%
HSV	150°, 37%, 69%
XYZ	27.2152, 36.6320, 31.7946
YIQ	152.8030, -28.1470, -24.0430

Conversions

Conversions Part 2

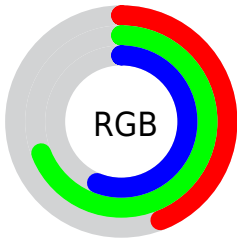
Format	Color
RYB	111, 155, 176
Decimal	7319695
CIELab	67.00, -28.20, 10.42
CIElCh	67, 30.066, 159.729
Yxy	36.6320, 0.2846, 0.3830
Android (android.graphics.Color)	4285509775 (0xFF6FB08F)
YUV	152.8030, -4.8329, -36.6612
Hunter-Lab	60.5244, -25.6539, 11.2209

Details

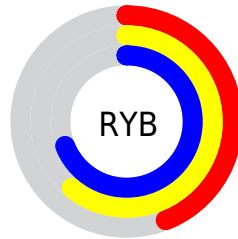
The CIELCh color **67, 30.066, 159.729** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **55, 31.358, 346.726**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **87, 29.982, 159.823**, and **47, 29.951, 160.054** is the 20% darker color. If you saturate the color by 10%, you get **66, 37.698, 158.485**, and if you desaturate by 10%, it is **68, 22.097, 160.832**.

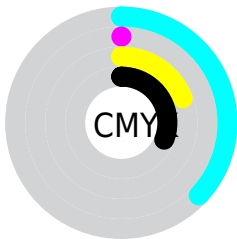
Distribution



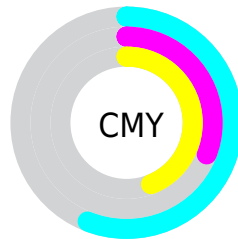
- Red (44%)
- Green (69%)
- Blue (56%)



- Red (44%)
- Yellow (61%)
- Blue (69%)



- Cyan (37%)
- Magenta (0%)
- Yellow (19%)
- Black (31%)





- Cyan (56%)
- Magenta (31%)
- Yellow (44%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 30.066, 159.729 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, 30.066, 159.729 by changing the saturation by 10% instead.


 67, 30.066,
159.729

 67, 30.066,
159.729


 100, 30.066,
159.729


 57, 30.066,
159.729


 87, 30.066,
159.729

 47, 30.066,
159.729

 97, 30.066,
159.729

 37, 30.066,
159.729

 27, 30.066,
159.729

 17, 30.066,
159.729

 7, 30.066, 159.729

 0, 30.066, 159.729

■ 67, 30.066,
159.729

■ 67, 30.066,
159.729

■ 66, 37.698,
158.485

■ 68, 22.097,
160.832

■ 65, 44.851,
157.076

■ 69, 13.921,
161.821

■ 64, 51.398,
155.481

■ 71, 5.654, 162.739

■ 64, 57.238,
153.682

■ 73, 2.605, 343.329

■ 64, 62.321,
151.675

■ 74, 10.781,
344.161

■ 63, 66.683,
149.499

■ 76, 18.818,
344.843

■ 63, 67.989,
148.834

■ 78, 26.675,
345.465

■ 80, 34.328,
346.043

■ 81, 37.619,
340.882

Harmonies

Complementary

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



67, 30.066, 159.729



55, 31.358, 346.726

Rectangle

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



67, 30.066, 159.729



67, 30.066, 209.729



67, 30.066, 339.729



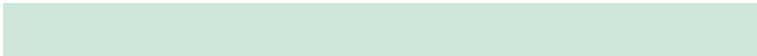
67, 30.066, 29.729

Sweetspot

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



67, 30.067, 159.728



89, 11.259, 162.343



68, 37.260, 126.765



47, 7.557, 162.223



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, 30.067, 159.728



84, 43.992, 158.757



68, 21.770, 196.057



37, 4.724, 162.512



55, 60.851, 149.116



7, 12.358, 157.974

Inverse Universe

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



55, 31.358, 346.726



66, 46.174, 347.719



54, 27.860, 21.518



35, 4.782, 343.945



33, 58.037, 0.581



2, 10.653, 349.422

Previews

White Background



This preview shows how the CIELCh color 67, 30.066, 159.729 looks on a white background.

Color Contrast Check

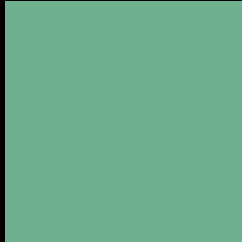
Large Text (above 18pt) WCAG AA × Fail

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, 30.066, 159.729 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, 30.066, 159.729

Background



This preview shows how black text looks on a background with the CIELCh color 67, 30.066, 159.729.

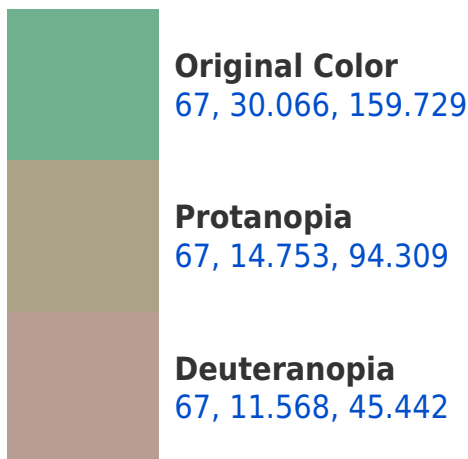


This preview shows how white text looks on a background with the CIELCh color 67, 30.066, 159.729.

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, 18.041, 223.768

Trichromacy



Original Color
67, 30.066, 159.729

Protanomaly
66, 16.988, 133.185

Deuteranomaly
66, 10.303, 124.565

Tritanomaly
67, 19.081, 192.808

Monochromacy



Original Color
67, 30.066, 159.729

Achromatopsia
63, 0.008, 296.813

Achromatomaly
65, 11.355, 162.435

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 30.066, 159.729 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(111, 176, 143)` looks like.

```
.text, #text, p{  
    color:rgb(111, 176, 143)  
}
```

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(111, 176, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 176, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 30.066, 159.729 is called "border". The border property can be set on classes, ids or directly on the HTML element.

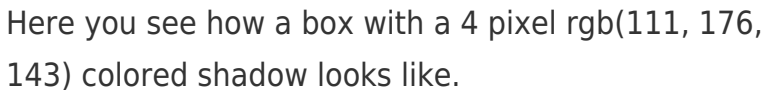
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(111, 176, 143) }
```

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

```
.border{ border-color:rgb(111, 176, 143) }
```

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



Here you see how a box with a 4 pixel `rgb(111, 176, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(111, 176, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(111, 176, 143); box-shadow:4px 4px 4px 4px rgb(111, 176, 143) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 30.066, 159.729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 176, 143) }
```

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

```
.background{ background-color: rgb(111,  
176, 143) }
```

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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