

Converting Colors

CIELCh(68, 31.395, 174.384)

Have a look what the booklet for
CIELCh(68, 31.395, 174.384)
contains.

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Color

CIELCh(68, 31.563, 174.195)

Conversions

Conversions Part 1

Format	Color
Hex	5FB59F
RGB	95, 181, 159
RGB Percent	37%, 71%, 62%
CMY	0.6275, 0.2903, 0.3766
CMYK	0.48, 0.00, 0.12, 0.29
HSL	165°, 37%, 54%
HSV	165°, 48%, 71%
XYZ	27.4919, 37.9720, 38.6709
YIQ	152.7780, -44.1940, -25.0740

Conversions

Conversions Part 2

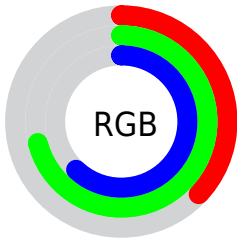
Format	Color
R_{YB}	95, 144, 181
Decimal	6272415
CIE _{Lab}	68.00, -31.40, 3.19
CIE _{LCh}	68, 31.563, 174.195
Yxy	37.9720, 0.2640, 0.3646
Android (android.graphics.Color)	4284462495 (0xFF5FB59F)
YUV	152.7780, 3.0674, -50.6713
Hunter-Lab	61.6215, -28.2014, 5.9273

Details

The CIELCh color **68, 31.563, 174.195** is a dark color, and the websafe version is hex **66CCCC**. A complement of this color would be **51, 37.314, 5.355**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 31.424, 174.769**, and **48, 31.631, 174.187** is the 20% darker color. If you saturate the color by 10%, you get **67, 36.901, 172.887**, and if you desaturate by 10%, it is **69, 25.628, 175.384**.

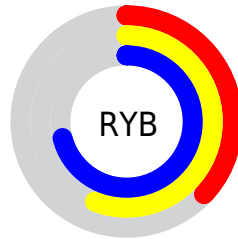
Distribution



Red (37%)

Green (71%)

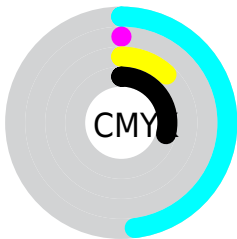
Blue (62%)



Red (37%)

Yellow (56%)

Blue (71%)

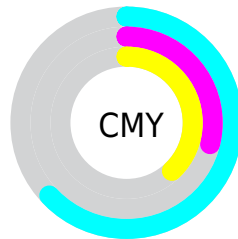


Cyan (48%)

Magenta (0%)

Yellow (12%)

Black (29%)



Cyan (63%)


Magenta (29%)


Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 31.563, 174.195 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 68, 31.563, 174.195 by changing the saturation by 10% instead.


 68, 31.563,
174.195


 68, 31.563,
174.195


 100, 31.563,
174.195


 58, 31.563,
174.195


 88, 31.563,
174.195

 48, 31.563,
174.195

 98, 31.563,
174.195

 38, 31.563,
174.195

 28, 31.563,
174.195

 18, 31.563,
174.195

 8, 31.563, 174.195

 0, 31.563, 174.195

68, 31.563,
174.195

68, 31.563,
174.195

67, 36.901,
172.887

69, 25.628,
175.384

67, 41.546,
171.439

70, 19.210,
176.481

66, 45.436,
169.829

71, 12.426,
177.506

66, 48.565,
168.036

73, 5.391, 178.501

66, 51.022,
166.074

74, 1.796, 359.055

76, 9.052, 0.107

66, 51.598,
165.593

77, 16.308, 0.939

79, 23.512, 1.723

81, 29.603, 1.638

Harmonies

Complementary

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



68, 31.563, 174.195



51, 37.314, 5.355

Rectangle

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



68, 31.563, 174.195



68, 31.563, 224.195



68, 31.563, 354.195



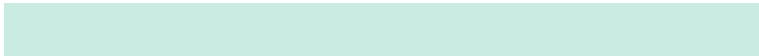
68, 31.563, 44.195

Sweetspot

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



68, 31.564, 174.194



90, 12.312, 177.832



68, 52.229, 134.303



48, 8.471, 177.621



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



68, 31.564, 174.194



85, 45.080, 172.827



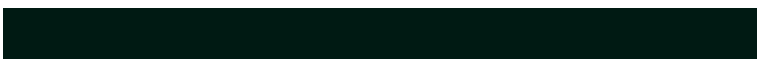
63, 22.974, 227.441



37, 4.009, 178.319



56, 45.392, 165.888



7, 10.337, 172.508

Inverse Universe

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



51, 37.314, 5.355



60, 55.242, 7.709



55, 32.288, 42.734



35, 4.134, 359.905



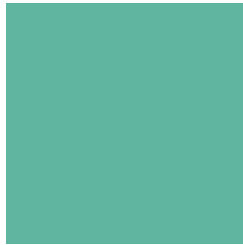
32, 60.934, 24.065



2, 9.560, 3.434

Previews

White Background



This preview shows how the CIELCh color 68, 31.563, 174.195 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 68, 31.563, 174.195 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 68, 31.563, 174.195

Background



This preview shows how black text looks on a background with the CIELCh color 68, 31.563, 174.195.

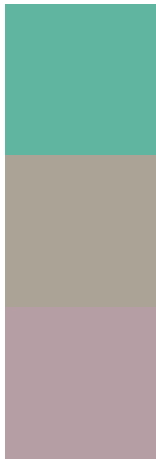


This preview shows how white text looks on a background with the CIELCh color 68, 31.563, 174.195.

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
68, 31.563, 174.195

Protanopia
68, 8.159, 89.593

Deuteranopia
68, 8.928, 2.305



Tritanopia
68, 23.664, 218.385

Trichromacy



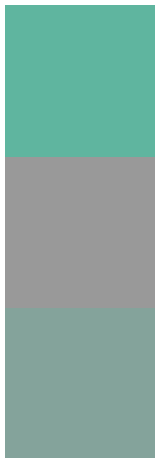
Original Color
68, 31.563, 174.195

Protanomaly
67, 13.952, 156.086

Deuteranomaly
67, 6.969, 175.505

Tritanomaly
68, 24.791, 198.714

Monochromacy



Original Color
68, 31.563, 174.195

Achromatopsia
63, 0.008, 296.813

Achromatomaly
65, 12.380, 177.207

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 31.563, 174.195 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(95, 181, 159)` looks like.

```
.text, #text, p{  
    color:rgb(95, 181, 159)  
}
```

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(95, 181, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 181, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 31.563, 174.195 is called "border". The border property can be set on classes, ids or directly on the HTML element.

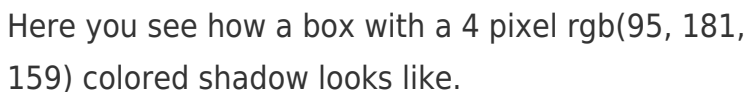
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(95, 181, 159) }
```

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

```
.border{ border-color:rgb(95, 181, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(95, 181, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 181, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 181, 159);  
box-shadow:4px 4px 4px 4px rgb(95, 181,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 31.563, 174.195 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 181, 159) }
```

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

```
.background{ background-color: rgb(95, 181,  
159) }
```

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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