

Converting Colors

CIELCh(69, 30.883, 176.816)

Have a look what the booklet for
CIELCh(69, 30.883, 176.816)
contains.

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Color

CIELCh(69, 31.219, 176.227)

Conversions

Conversions Part 1

Format	Color
Hex	61B8A4
RGB	97, 184, 164
RGB Percent	38%, 72%, 64%
CMY	0.6208, 0.2796, 0.3580
CMYK	0.47, 0.00, 0.11, 0.28
HSL	166°, 38%, 55%
HSV	166°, 47%, 72%
XYZ	28.6450, 39.3444, 41.0630
YIQ	155.7070, -45.4320, -24.6640

Conversions

Conversions Part 2

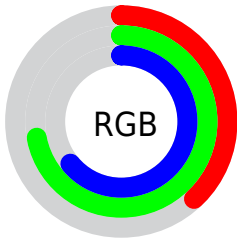
Format	Color
RYB	97, 146, 184
Decimal	6404260
CIELab	69.00, -31.15, 2.05
CIElCh	69, 31.219, 176.227
Yxy	39.3444, 0.2627, 0.3608
Android (android.graphics.Color)	4284594340 (0xFF61B8A4)
YUV	155.7070, 4.0884, -51.4860
Hunter-Lab	62.7251, -28.2524, 5.0934

Details

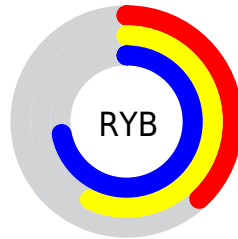
The CIELCh color **69, 31.219, 176.227** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **52, 37.503, 7.289**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 30.878, 176.544**, and **49, 31.057, 176.234** is the 20% darker color. If you saturate the color by 10%, you get **68, 36.444, 174.965**, and if you desaturate by 10%, it is **70, 25.375, 177.379**.

Distribution



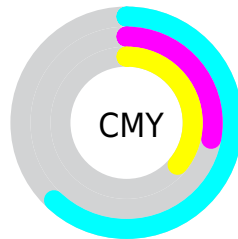
- Red (38%)
- Green (72%)
- Blue (64%)



- Red (38%)
- Yellow (57%)
- Blue (72%)



- Cyan (47%)
- Magenta (0%)
- Yellow (11%)
- Black (28%)





- Cyan (62%)
- Magenta (28%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 31.219, 176.227 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 69, 31.219, 176.227 by changing the saturation by 10% instead.

 69, 31.219,
176.227


 69, 31.219,
176.227


 100, 31.219,
176.227


 59, 31.219,
176.227


 89, 31.219,
176.227

 49, 31.219,
176.227


 99, 31.219,
176.227

 39, 31.219,
176.227

 29, 31.219,
176.227

 19, 31.219,
176.227

 9, 31.219, 176.227

 0, 31.219, 176.227

69, 31.219,
176.227

69, 31.219,
176.227

68, 36.444,
174.965

70, 25.375,
177.379

68, 40.954,
173.576

71, 19.024,
178.448

67, 44.691,
172.033

72, 12.286,
179.453

67, 47.649,
170.318

74, 5.275, 180.438

67, 49.918,
168.437

75, 1.909, 0.988

67, 50.476,
167.945

77, 9.178, 2.028

78, 16.464, 2.861

80, 23.712, 3.649

82, 28.346, 2.458

Harmonies

Complementary

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



69, 31.219, 176.227



52, 37.503, 7.289

Rectangle

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



69, 31.219, 176.227



69, 31.219, 226.227



69, 31.219, 356.227



69, 31.219, 46.227

Sweetspot

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



69, 31.220, 176.225



92, 12.351, 179.759



69, 53.234, 135.225



49, 8.497, 179.550



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



69, 31.220, 176.225



87, 44.846, 174.886



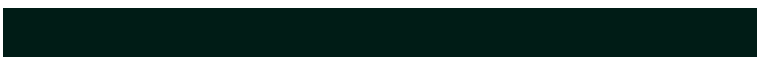
63, 23.174, 232.409



38, 4.048, 180.239



57, 44.476, 168.220



8, 11.854, 173.987

Inverse Universe

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



52, 37.503, 7.289



62, 56.156, 9.727



57, 32.047, 45.883



36, 4.186, 1.816



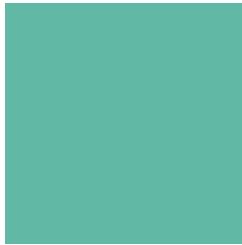
32, 62.643, 26.314



2, 10.985, 5.719

Previews

White Background



This preview shows how the CIELCh color 69, 31.219, 176.227 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 69, 31.219, 176.227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

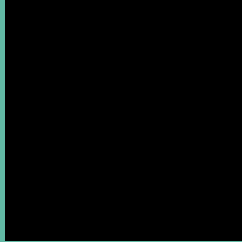
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 31.219, 176.227

Background



This preview shows how black text looks on a background with the CIELCh color 69, 31.219, 176.227.

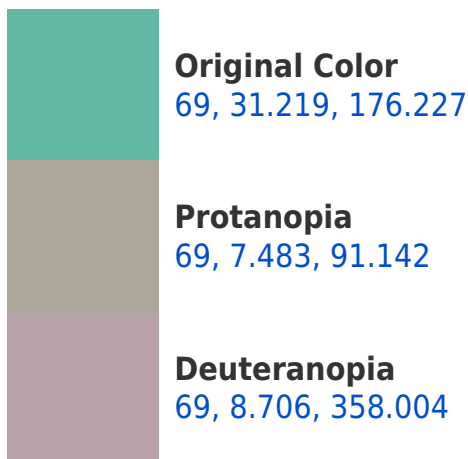


This preview shows how white text looks on a background with the CIELCh color 69, 31.219, 176.227.

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



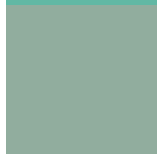


Tritanopia
69, 24.140, 217.877

Trichromacy



Original Color
69, 31.219, 176.227



Protanomaly
68, 13.438, 160.461



Deuteranomaly
68, 7.070, 180.690

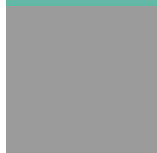


Tritanomaly
69, 25.226, 199.948

Monochromacy



Original Color
69, 31.219, 176.227



Achromatopsia
64, 0.008, 296.813



Achromatomaly
65, 12.130, 179.629

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 31.219, 176.227 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(97, 184, 164)` looks like.

```
.text, #text, p{  
    color:rgb(97, 184, 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(97, 184, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 184, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 31.219, 176.227 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(97, 184, 164) }
```

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

```
.border{ border-color:rgb(97, 184, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 184, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 184, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 184, 164);  
box-shadow:4px 4px 4px 4px rgb(97, 184,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 31.219, 176.227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 184, 164) }
```

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

```
.background{ background-color: rgb(97, 184,  
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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