

# Converting Colors

CIELCh(69, 19.035, 207.533)

Have a look what the booklet for  
CIELCh(69, 19.035, 207.533)  
contains.

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# **Color**

**CIELCh(69, 19.194, 207.900)**

# Conversions

## Conversions Part 1

Format	Color
Hex	79B2B8
RGB	121, 178, 184
RGB Percent	47%, 70%, 72%
CMY	0.5256, 0.3021, 0.2786
CMYK	0.34, 0.03, 0.00, 0.28
HSL	186°, 31%, 60%
HSV	186°, 34%, 72%
XYZ	32.4383, 39.3444, 51.2082
YIQ	161.6410, -35.8980, -10.2180

# Conversions

## Conversions Part 2

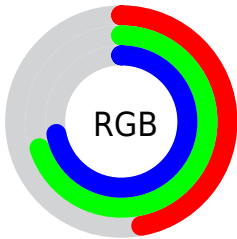
Format	Color
<b>RYB</b>	121, 151, 184
Decimal	7975608
CIELab	69.00, -16.96, -8.98
CIELCh	69, 19.194, 207.900
Yxy	39.3444, 0.2637, 0.3199
Android (android.graphics.Color)	4286165688 (0xFF79B2B8)
YUV	161.6410, 11.0230, -35.6422
Hunter-Lab	62.7251, -17.4577, -4.4962

# Details

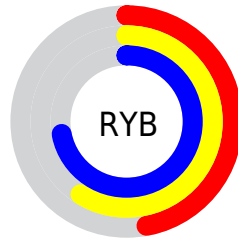
The CIELCh color **69, 19.194, 207.900** is a light color, and the websafe version is hex **669999**. A complement of this color would be **59, 24.531, 29.743**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 19.108, 207.689**, and **49, 19.252, 208.162** is the 20% darker color. If you saturate the color by 10%, you get **68, 23.676, 208.085**, and if you desaturate by 10%, it is **71, 14.125, 207.854**.

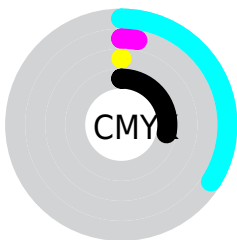
# Distribution



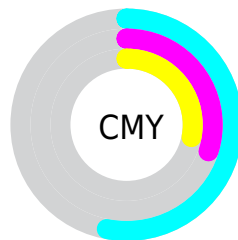
- Red (47%)
- Green (70%)
- Blue (72%)



- Red (47%)
- Yellow (59%)
- Blue (72%)



- Cyan (34%)
- Magenta (3%)
- Yellow (0%)
- Black (28%)



- Cyan (53%)
- Magenta (30%)
- Yellow (28%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 19.194, 207.900 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, 19.194, 207.900 by changing the saturation by 10% instead.




 69, 19.194,  
207.900


 69, 19.194,  
207.900


 100, 19.194,  
207.900

 59, 19.194,  
207.900

 89, 19.194,  
207.900

 49, 19.194,  
207.900

 99, 19.194,  
207.900

 39, 19.194,  
207.900

 29, 19.194,  
207.900

 19, 19.194,  
207.900

 9, 19.194, 207.900

 0, 19.194, 207.900

69, 19.194,  
207.900

69, 19.194,  
207.900

68, 23.676,  
208.085

71, 14.125,  
207.854

66, 27.476,  
208.449

72, 8.568, 207.941

74, 2.621, 208.234

65, 30.517,  
209.020

76, 3.628, 28.117

64, 32.754,  
209.834

78, 10.102, 28.491

63, 34.184,  
210.927

80, 16.734, 28.834

82, 23.473, 29.194

63, 34.864,  
212.328

83, 25.054, 30.854

62, 35.056,  
213.228

84, 24.581, 33.106

# Harmonies

# Complementary

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



69, 19.194, 207.900



59, 24.531, 29.743

# Rectangle

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



69, 19.194, 207.900



69, 19.194, 257.900



69, 19.194, 27.900



69, 19.194, 77.900

# Sweetspot

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



69, 19.194, 207.896



92, 7.543, 208.018



69, 39.559, 144.254



49, 5.124, 207.988



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, 19.194, 207.896



86, 27.549, 208.022



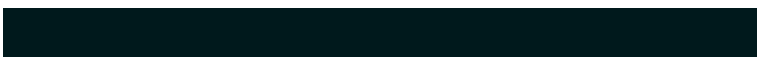
60, 22.129, 269.463



38, 3.448, 208.038



53, 31.001, 212.986



7, 9.176, 211.855





# Inverse Universe

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



59, 39.241, 329.094



72, 57.815, 329.520



66, 23.203, 79.416



36, 6.474, 327.634



36, 74.212, 332.365

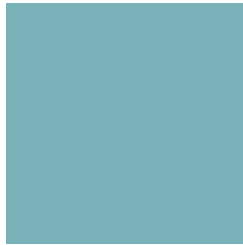


3, 17.080, 328.698



# Previews

## White Background



This preview shows how the CIE LCh color 69, 19.194, 207.900 looks on a white background.

## Color Contrast Check

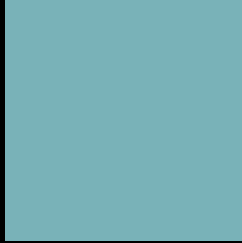
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the CIE LCh color 69, 19.194, 207.900 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

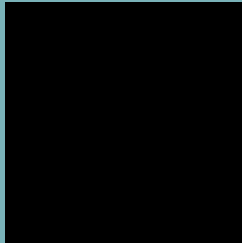
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

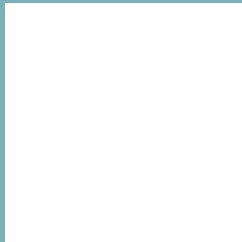
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# CIELCh 69, 19.194, 207.900

## Background



This preview shows how black text looks on a background with the CIELCh color 69, 19.194, 207.900.

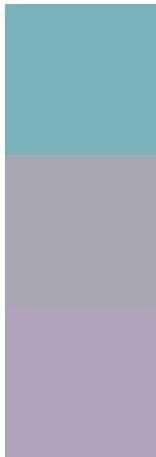


This preview shows how white text looks on a background with the CIELCh color 69, 19.194, 207.900.

# 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

69, 19.194, 207.900

### Protanopia

69, 5.519, 294.577

### Deuteranopia

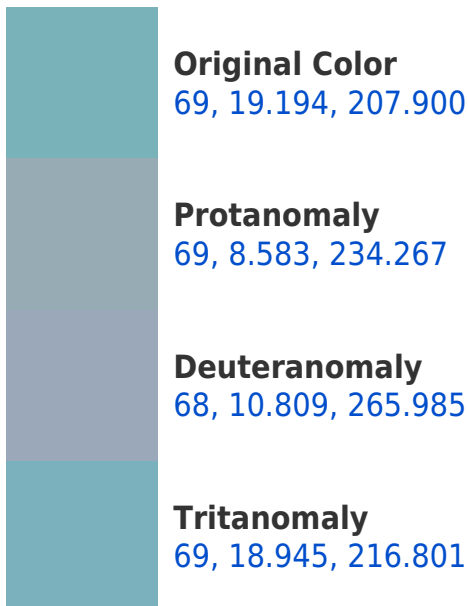
69, 13.978, 309.638



**Tritanopia**  
69, 19.058, 222.103



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 69, 19.194, 207.900 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(121, 178, 184)` looks like.

```
.text, #text, p{  
    color:rgb(121, 178, 184)  
}
```

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(121, 178, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 178, 184) }
```

## Border

The CSS property to change the border of an element to CIELCh 69, 19.194, 207.900 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(121, 178, 184) }
```

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

```
.border{ border-color:rgb(121, 178, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 178, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(121, 178, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(121, 178, 184); box-shadow:4px 4px 4px 4px rgb(121, 178, 184) }
```

# Background

The CSS property to change the background color of an element to CIELCh 69, 19.194, 207.900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 178, 184) }
```

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

```
.background{ background-color: rgb(121,  
178, 184) }
```

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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