

Converting Colors

CIELCh(69, 19.540, 211.053)

Have a look what the booklet for
CIELCh(69, 19.540, 211.053)
contains.

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Color

CIELCh(69, 19.543, 211.039)

Conversions

Conversions Part 1

Format	Color
Hex	78B2BA
RGB	120, 178, 186
RGB Percent	47%, 70%, 73%
CMY	0.5297, 0.3022, 0.2709
CMYK	0.35, 0.04, 0.00, 0.27
HSL	187°, 32%, 60%
HSV	187°, 35%, 73%
XYZ	32.4991, 39.3444, 52.2977
YIQ	161.5700, -37.1360, -9.8080

Conversions

Conversions Part 2

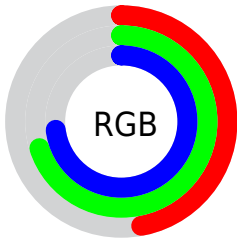
Format	Color
RYB	120, 151, 186
Decimal	7910074
CIELab	69.00, -16.74, -10.08
CIElCh	69, 19.543, 211.039
Yxy	39.3444, 0.2618, 0.3169
Android (android.graphics.Color)	4286100154 (0xFF78B2BA)
YUV	161.5700, 12.0440, -36.4569
Hunter-Lab	62.7251, -17.2846, -5.5261

Details

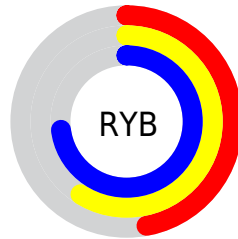
The CIELCh color **69, 19.543, 211.039** is a light color, and the websafe version is hex **669999**. A complement of this color would be **59, 25.256, 32.055**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 19.478, 210.650**, and **49, 19.540, 211.584** is the 20% darker color. If you saturate the color by 10%, you get **67, 23.896, 211.433**, and if you desaturate by 10%, it is **71, 14.601, 210.818**.

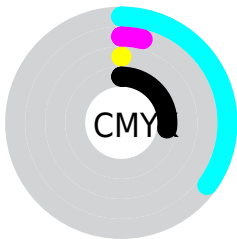
Distribution



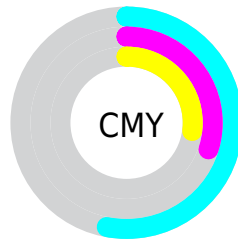
- Red (47%)
- Green (70%)
- Blue (73%)



- Red (47%)
- Yellow (59%)
- Blue (73%)



- Cyan (35%)
- Magenta (4%)
- Yellow (0%)
- Black (27%)





- Cyan (53%)
- Magenta (30%)
- Yellow (27%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 19.543, 211.039 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, 19.543, 211.039 by changing the saturation by 10% instead.


 69, 19.543,
211.039


 69, 19.543,
211.039


 100, 19.543,
211.039


 59, 19.543,
211.039


 89, 19.543,
211.039

 49, 19.543,
211.039

 99, 19.543,
211.039

 39, 19.543,
211.039

 29, 19.543,
211.039

 19, 19.543,
211.039

 9, 19.543, 211.039

 0, 19.543, 211.039

69, 19.543,
211.039

69, 19.543,
211.039

67, 23.896,
211.433

71, 14.601,
210.818

66, 27.569,
212.048

72, 9.168, 210.753

65, 30.487,
212.924

74, 3.339, 210.879

76, 2.797, 30.646

64, 32.609,
214.110

79, 9.165, 30.957

63, 33.943,
215.656

81, 15.700, 31.212

83, 22.349, 31.490

62, 34.560,
217.599

84, 23.684, 33.799

62, 34.726,
218.546

85, 23.155, 36.961

Harmonies

Complementary

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



69, 19.543, 211.039



59, 25.256, 32.055

Rectangle

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



69, 19.543, 211.039



69, 19.543, 261.039



69, 19.543, 31.039



69, 19.543, 81.039

Sweetspot

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



69, 19.543, 211.036



93, 8.168, 210.773



70, 40.375, 145.106



50, 5.512, 210.763



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



69, 19.543, 211.036



86, 28.255, 211.347



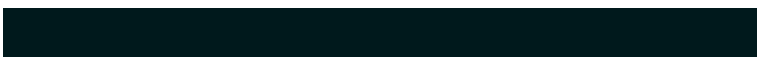
60, 24.107, 272.728



38, 3.375, 210.794



52, 30.463, 218.205



7, 8.935, 216.104

Inverse Universe

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



59, 40.270, 330.016



71, 59.916, 330.508



67, 24.875, 82.284



36, 6.357, 328.439



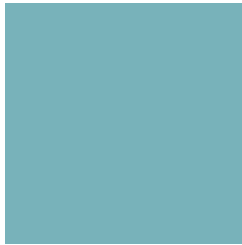
36, 72.741, 333.648



3, 16.630, 329.940

Previews

White Background



This preview shows how the CIELCh color 69, 19.543, 211.039 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, 19.543, 211.039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

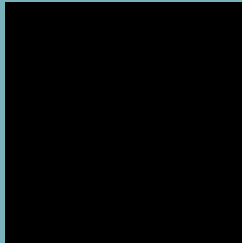
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 19.543, 211.039

Background



This preview shows how black text looks on a background with the CIELCh color 69, 19.543, 211.039.



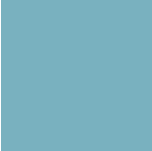
This preview shows how white text looks on a background with the CIELCh color 69, 19.543, 211.039.

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, 19.580, 221.392

Trichromacy



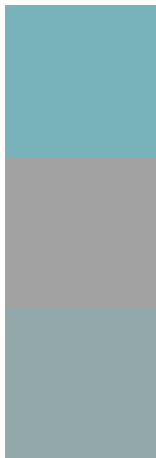
Original Color
69, 19.543, 211.039

Protanomaly
69, 9.465, 238.804

Deuteranomaly
68, 11.930, 266.926

Tritanomaly
69, 19.323, 218.155

Monochromacy



Original Color
69, 19.543, 211.039

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 7.768, 211.180

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 19.543, 211.039 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(120, 178, 186)` looks like.

```
.text, #text, p{  
    color:rgb(120, 178, 186)  
}
```

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(120, 178, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 178, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 19.543, 211.039 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(120, 178, 186) }
```

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

```
.border{ border-color:rgb(120, 178, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 178, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 178, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 178, 186);  
box-shadow:4px 4px 4px 4px rgb(120, 178,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 19.543, 211.039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 178, 186) }
```

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

```
.background{ background-color: rgb(120,  
178, 186) }
```

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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