

Converting Colors

CIELCh(69, 17.099, 193.170)

Have a look what the booklet for
CIELCh(69, 17.099, 193.170)
contains.

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Color

CIELCh(69, 16.783, 194.268)

Conversions

Conversions Part 1

Format	Color
Hex	81B1AF
RGB	129, 177, 175
RGB Percent	51%, 69%, 69%
CMY	0.4931, 0.3048, 0.3127
CMYK	0.27, 0.00, 0.01, 0.30
HSL	177°, 24%, 60%
HSV	177°, 27%, 70%
XYZ	32.6330, 39.3444, 46.5700
YIQ	162.4200, -27.9660, -10.7980

Conversions

Conversions Part 2

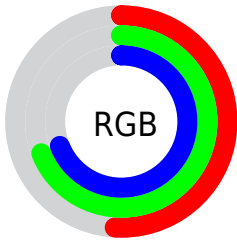
Format	Color
RYB	129, 154, 177
Decimal	8499631
CIELab	69.00, -16.27, -4.14
CIElCh	69, 16.783, 194.268
Yxy	39.3444, 0.2753, 0.3319
Android (android.graphics.Color)	4286689711 (0xFF81B1AF)
YUV	162.4200, 6.2019, -29.3093
Hunter-Lab	62.7251, -16.9036, -0.1121

Details

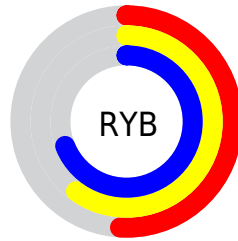
The CIELCh color **69, 16.783, 194.268** is a light color, and the websafe version is hex **669999**. A complement of this color would be **59, 19.820, 18.314**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 16.968, 192.979**, and **49, 16.512, 195.616** is the 20% darker color. If you saturate the color by 10%, you get **68, 22.145, 193.664**, and if you desaturate by 10%, it is **70, 10.911, 194.893**.

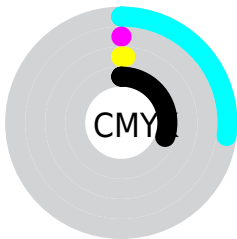
Distribution



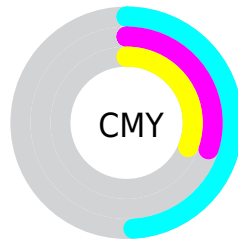
- Red (51%)
- Green (69%)
- Blue (69%)



- Red (51%)
- Yellow (60%)
- Blue (69%)



- Cyan (27%)
- Magenta (0%)
- Yellow (1%)
- Black (30%)




- Cyan (49%)
- Magenta (30%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 16.783, 194.268 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, 16.783, 194.268 by changing the saturation by 10% instead.

 69, 16.783,
194.268


 69, 16.783,
194.268


 100, 16.783,
194.268


 59, 16.783,
194.268


 89, 16.783,
194.268

 49, 16.783,
194.268

 99, 16.783,
194.268

 39, 16.783,
194.268

 29, 16.783,
194.268

 19, 16.783,
194.268

 9, 16.783, 194.268

 0, 16.783, 194.268

69, 16.783,
194.268

69, 16.783,
194.268

68, 22.145,
193.664

70, 10.911,
194.893

67, 26.891,
193.089

71, 4.633, 195.586

73, 1.949, 15.869

67, 30.929,
192.533

74, 8.747, 16.727

66, 34.189,
191.992

76, 15.684, 17.417

66, 36.637,
191.457

78, 22.698, 18.096

80, 29.739, 18.768

65, 38.288,
190.918

80, 30.366, 18.168

65, 39.238,
190.363

80, 30.344, 17.438

65, 39.465,

Harmonies

Complementary

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



69, 16.783, 194.268



59, 19.820, 18.314

Rectangle

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



69, 16.783, 194.268



69, 16.783, 244.268



69, 16.783, 14.268



69, 16.783, 64.268

Sweetspot

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



69, 16.784, 194.264



90, 6.443, 195.505



68, 31.697, 141.411



47, 4.559, 195.397



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



69, 16.784, 194.264



86, 23.996, 193.933



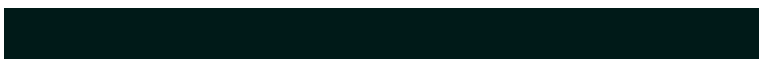
63, 14.857, 253.715



37, 3.708, 195.418



57, 35.390, 190.270



7, 9.203, 194.094

Inverse Universe

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



59, 19.820, 18.314



72, 29.425, 19.014



64, 16.358, 66.739



35, 3.913, 16.532



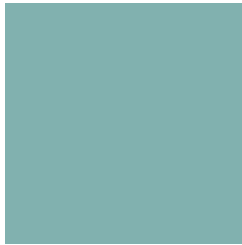
31, 69.388, 37.837



2, 9.172, 16.723

Previews

White Background



This preview shows how the CIELCh color 69, 16.783, 194.268 looks on a white background.

Color Contrast Check

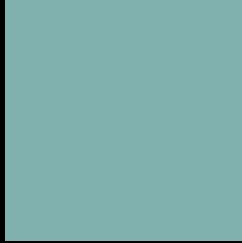
Large Text (above 18pt) WCAG AA × Fail

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, 16.783, 194.268 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

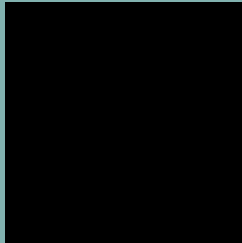
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 16.783, 194.268

Background



This preview shows how black text looks on a background with the CIELCh color 69, 16.783, 194.268.



This preview shows how white text looks on a background with the CIELCh color 69, 16.783, 194.268.

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, 16.149, 227.019

Trichromacy



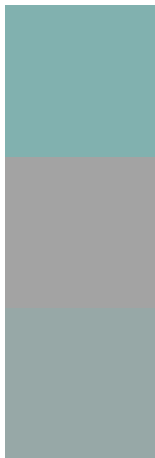
Original Color
69, 16.783, 194.268

Protanomaly
69, 5.888, 198.986

Deuteranomaly
69, 5.527, 263.109

Tritanomaly
69, 15.816, 214.484

Monochromacy



Original Color
69, 16.783, 194.268

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 6.316, 193.912

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 16.783, 194.268 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(129, 177, 175)` looks like.

```
.text, #text, p{  
    color:rgb(129, 177, 175)  
}
```

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(129, 177, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 177, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 16.783, 194.268 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(129, 177, 175) }
```

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

```
.border{ border-color:rgb(129, 177, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 177, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 177, 175); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 177, 175); box-shadow:4px 4px 4px 4px rgb(129, 177, 175) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 16.783, 194.268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 177, 175) }
```

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

```
.background{ background-color: rgb(129,  
177, 175) }
```

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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