

Converting Colors

CIELCh(69, 15.764, 196.489)

Have a look what the booklet for
CIELCh(69, 15.764, 196.489)
contains.

| | |
|--|----|
| CIELCh(69, 15.748, 196.126) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 21 |
| <i>Color Blindness Simulation</i> | 24 |
| <i>CSS Examples</i> | 27 |

Color

CIELCh(69, 15.748, 196.126)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 84B1B0 |
| RGB | 132, 177, 176 |
| RGB Percent | 52%, 69%, 69% |
| CMY | 0.4834, 0.3069, 0.3109 |
| CMYK | 0.25, 0.00, 0.01, 0.31 |
| HSL | 179°, 22%, 60% |
| HSV | 179°, 25%, 69% |
| XYZ | 32.9519, 39.3444, 46.7908 |
| YIQ | 163.4310, -26.4990, -9.8510 |

Conversions

Conversions Part 2

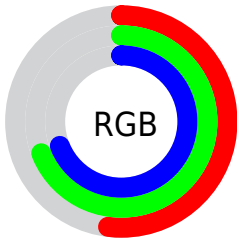
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 132, 155, 177 |
| Decimal | 8696240 |
| CIELab | 69.00, -15.13, -4.37 |
| CIElCh | 69, 15.748, 196.126 |
| Yxy | 39.3444, 0.2767, 0.3304 |
| Android (android.graphics.Color) | 4286886320 (0xFF84B1B0) |
| YUV | 163.4310, 6.1965, -27.5650 |
| Hunter-Lab | 62.7251, -15.9960, -0.3207 |

Details

The CIELCh color **69, 15.748, 196.126** is a light color, and the websafe version is hex **669999**. A complement of this color would be **59, 18.511, 19.633**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 15.868, 196.484**, and **49, 15.497, 197.788** is the 20% darker color. If you saturate the color by 10%, you get **68, 21.132, 195.594**, and if you desaturate by 10%, it is **70, 9.859, 196.694**.

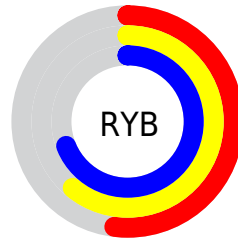
Distribution



Red (52%)

Green (69%)

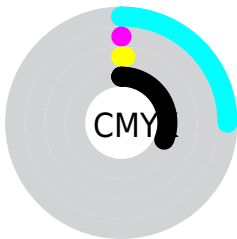
Blue (69%)



Red (52%)

Yellow (61%)

Blue (69%)

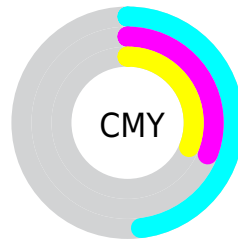


Cyan (25%)

Magenta (0%)

Yellow (1%)

Black (31%)



Cyan (48%)


Magenta (31%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 15.748, 196.126 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, 15.748, 196.126 by changing the saturation by 10% instead.


 69, 15.748,
196.126


 69, 15.748,
196.126


 100, 15.748,
196.126


 59, 15.748,
196.126


 89, 15.748,
196.126

 49, 15.748,
196.126

 99, 15.748,
196.126

 39, 15.748,
196.126

 29, 15.748,
196.126

 19, 15.748,
196.126

 9, 15.748, 196.126

 0, 15.748, 196.126

69, 15.748,
196.126

69, 15.748,
196.126

68, 21.132,
195.594

70, 9.859, 196.694

67, 25.906,
195.106

71, 3.567, 197.365

73, 3.027, 17.665

67, 29.977,
194.658

74, 9.838, 18.404

66, 33.275,
194.248

76, 16.788, 19.061

78, 23.818, 19.713

66, 35.762,
193.871

80, 30.700, 20.337

65, 37.448,
193.521

80, 30.678, 19.954

80, 30.658, 19.571

65, 38.401,
193.187

65, 38.715,

Harmonies

Complementary

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



69, 15.748, 196.126



59, 18.511, 19.633

Rectangle

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



69, 15.748, 196.126



69, 15.748, 246.126



69, 15.748, 16.126



69, 15.748, 66.126

Sweetspot

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



69, 15.749, 196.122



90, 6.426, 197.161



68, 29.889, 141.948



47, 4.547, 197.060



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, 15.749, 196.122



87, 23.204, 195.796



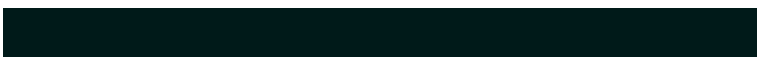
63, 14.150, 255.404



37, 3.698, 197.080



57, 34.805, 193.076



7, 9.165, 196.423

Inverse Universe

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



59, 18.511, 19.633



72, 28.480, 20.364



65, 15.368, 68.740



35, 3.910, 18.110



31, 70.100, 38.635



2, 9.162, 17.974

Previews

White Background



This preview shows how the CIE LCh color 69, 15.748, 196.126 looks on a white background.

Color Contrast Check

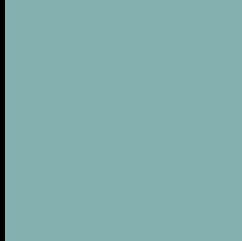
Large Text (above 18pt) WCAG AA × Fail

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, 15.748, 196.126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

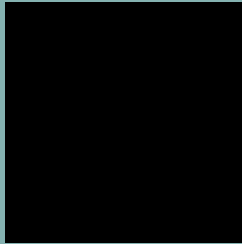
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

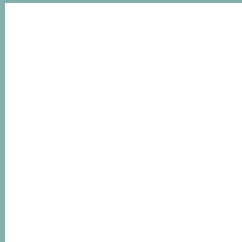
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 15.748, 196.126

Background



This preview shows how black text looks on a background with the CIELCh color 69, 15.748, 196.126.

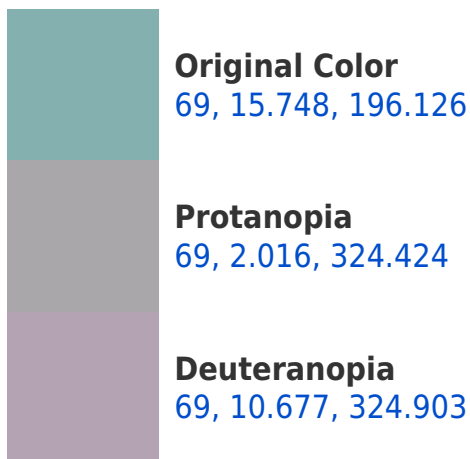


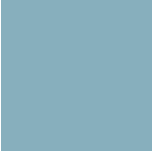
This preview shows how white text looks on a background with the CIELCh color 69, 15.748, 196.126.

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, 15.345, 228.720

Trichromacy



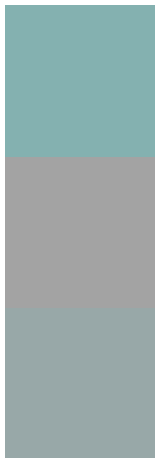
Original Color
69, 15.748, 196.126

Protanomaly
69, 5.530, 204.743

Deuteranomaly
69, 5.879, 268.863

Tritanomaly
69, 14.924, 215.547

Monochromacy



Original Color
69, 15.748, 196.126

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 5.905, 198.977

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 15.748, 196.126 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(132, 177, 176)` looks like.

```
.text, #text, p{  
    color:rgb(132, 177, 176)  
}
```

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(132, 177, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 177, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 15.748, 196.126 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(132, 177, 176) }
```

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

```
.border{ border-color:rgb(132, 177, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 177, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 177, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 177, 176);  
box-shadow:4px 4px 4px 4px rgb(132, 177,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 15.748, 196.126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 177, 176) }
```

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

```
.background{ background-color: rgb(132,  
177, 176) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor