

Converting Colors

CIELCh(69, 11.618, 197.080)

Have a look what the booklet for
CIELCh(69, 11.618, 197.080)
contains.

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Color

CIELCh(69, 11.833, 195.784)

Conversions

Conversions Part 1

Format	Color
Hex	8EAFAE
RGB	142, 175, 174
RGB Percent	56%, 69%, 68%
CMY	0.4440, 0.3146, 0.3186
CMYK	0.19, 0.00, 0.01, 0.31
HSL	178°, 17%, 62%
HSV	178°, 19%, 69%
XYZ	34.0162, 39.3444, 45.7244
YIQ	165.0190, -19.3470, -7.3070

Conversions

Conversions Part 2

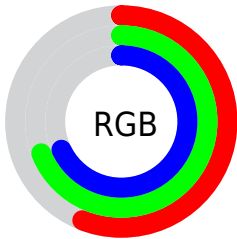
Format	Color
RYB	142, 159, 175
Decimal	9351086
CIELab	69.00, -11.39, -3.22
CIElCh	69, 11.833, 195.784
Yxy	39.3444, 0.2856, 0.3304
Android (android.graphics.Color)	4287541166 (0xFF8EAFAE)
YUV	165.0190, 4.4276, -20.1877
Hunter-Lab	62.7251, -12.9673, 0.6872

Details

The CIELCh color **69, 11.833, 195.784** is a light color, and the websafe version is hex **669999**. A complement of this color would be **62, 13.273, 18.311**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 12.096, 193.671**, and **49, 12.002, 195.322** is the 20% darker color. If you saturate the color by 10%, you get **68, 17.530, 195.194**, and if you desaturate by 10%, it is **70, 5.711, 196.419**.

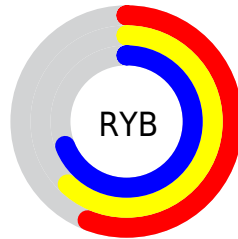
Distribution



Red (56%)

Green (69%)

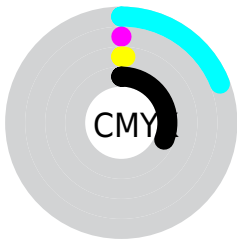
Blue (68%)



Red (56%)

Yellow (62%)

Blue (69%)

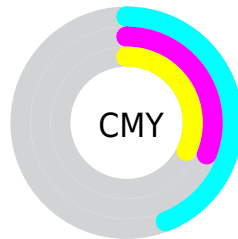


Cyan (19%)

Magenta (0%)

Yellow (1%)

Black (31%)



Cyan (44%)


Magenta (31%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 69, 11.833, 195.784 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, 11.833, 195.784 by changing the saturation by 10% instead.


 69, 11.833,
195.784


 69, 11.833,
195.784


 100, 11.833,
195.784


 59, 11.833,
195.784


 89, 11.833,
195.784

 49, 11.833,
195.784

 99, 11.833,
195.784

 39, 11.833,
195.784

 29, 11.833,
195.784

 19, 11.833,
195.784

 9, 11.833, 195.784

 0, 11.833, 195.784

69, 11.833,
195.784

69, 11.833,
195.784

68, 17.530,
195.194

70, 5.711, 196.419

67, 22.695,
194.646

72, 0.738, 16.277

73, 7.422, 17.516

66, 27.227,
194.131

75, 14.265, 18.194

66, 31.041,
193.646

76, 21.200, 18.858

78, 28.177, 19.518

65, 34.075,
193.189

79, 31.506, 19.570

65, 36.305,
192.751

79, 31.481, 19.065

79, 31.458, 18.560

65, 37.756,
192.323

65, 38.576,

191.898

■ 65, 38.658,
191.850

Harmonies

Complementary

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



69, 11.833, 195.784



62, 13.273, 18.311

Rectangle

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



69, 11.833, 195.784



69, 11.833, 245.784



69, 11.833, 15.784



69, 11.833, 65.784

Sweetspot

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



69, 11.834, 195.778



89, 4.802, 196.627



68, 21.946, 142.430



48, 3.207, 196.576



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, 11.834, 195.778



87, 17.587, 195.509



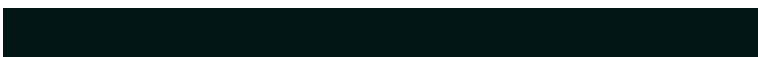
65, 10.462, 254.303



36, 3.615, 196.389



56, 34.610, 191.903



6, 7.824, 195.711

Inverse Universe

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



62, 13.273, 18.311



76, 20.328, 18.775



66, 11.098, 69.504



34, 3.818, 17.449



31, 68.877, 38.227



2, 7.810, 17.343

Previews

White Background



This preview shows how the CIELCh color 69, 11.833, 195.784 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, 11.833, 195.784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

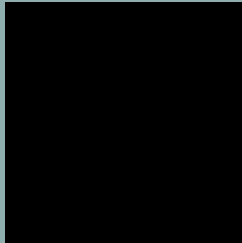
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

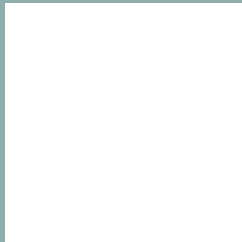
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 11.833, 195.784

Background



This preview shows how black text looks on a background with the CIELCh color 69, 11.833, 195.784.



This preview shows how white text looks on a background with the CIELCh color 69, 11.833, 195.784.

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](#).

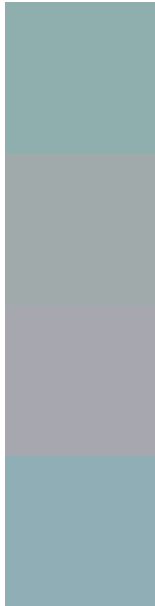
Dichromacy





Tritanopia
69, 12.457, 237.067

Trichromacy



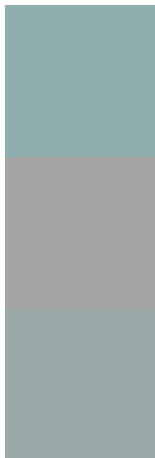
Original Color
69, 11.833, 195.784

Protanomaly
69, 3.737, 207.688

Deuteranomaly
69, 4.403, 290.636

Tritanomaly
69, 11.605, 220.967

Monochromacy



Original Color
69, 11.833, 195.784

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 4.504, 192.097

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 11.833, 195.784 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(142, 175, 174)` looks like.

```
.text, #text, p{  
    color:rgb(142, 175, 174)  
}
```

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(142, 175, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 175, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 11.833, 195.784 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(142, 175, 174) }
```

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

```
.border{ border-color:rgb(142, 175, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 175, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 175, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 175, 174);  
box-shadow:4px 4px 4px 4px rgb(142, 175,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 11.833, 195.784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 175, 174) }
```

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

```
.background{ background-color: rgb(142,  
175, 174) }
```

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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