

Converting Colors

CIELCh(69, 11.438, 198.496)

Have a look what the booklet for
CIELCh(69, 11.438, 198.496)
contains.

CIELCh(69, 11.438, 198.496)	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, 11.438, 198.496)

Conversions

Conversions Part 1

Format	Color
Hex	8FAFAF
RGB	143, 175, 175
RGB Percent	56%, 69%, 69%
CMY	0.4411, 0.3156, 0.3156
CMYK	0.18, 0.00, 0.00, 0.32
HSL	180°, 17%, 62%
HSV	180°, 18%, 68%
XYZ	34.1716, 39.3444, 46.1009
YIQ	165.4320, -19.0720, -6.7840

Conversions

Conversions Part 2

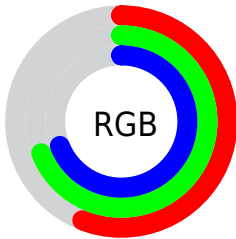
Format	Color
RYB	143, 159, 175
Decimal	9416623
CIELab	69.00, -10.85, -3.63
CIELCh	69, 11.438, 198.496
Yxy	39.3444, 0.2857, 0.3289
Android (android.graphics.Color)	4287606703 (0xFF8FAFAF)
YUV	165.4320, 4.7170, -19.6729
Hunter-Lab	62.7251, -12.5252, 0.3314

Details

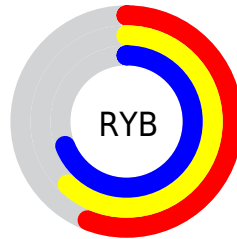
The CIELCh color **69, 11.438, 198.496** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62, 12.869, 20.650**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **89, 11.698, 196.100**, and **49, 11.584, 198.195** is the 20% darker color. If you saturate the color by 10%, you get **68, 17.093, 198.013**, and if you desaturate by 10%, it is **70, 5.342, 199.045**.

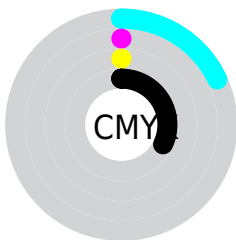
Distribution



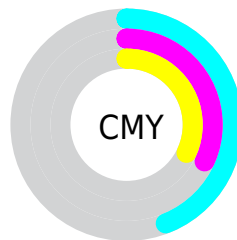
- Red (56%)
- Green (69%)
- Blue (69%)



- Red (56%)
- Yellow (62%)
- Blue (69%)



- Cyan (18%)
- Magenta (0%)
- Yellow (0%)
- Black (32%)



- Cyan (44%)
- Magenta (32%)
- Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 11.438, 198.496 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, 11.438, 198.496 by changing the saturation by 10% instead.

 69, 11.438,
198.496

 69, 11.438,
198.496

 100, 11.438,
198.496

 59, 11.438,
198.496

 89, 11.438,
198.496

 49, 11.438,
198.496

 99, 11.438,
198.496

 39, 11.438,
198.496

 29, 11.438,
198.496

 19, 11.438,
198.496

 9, 11.438, 198.496

 0, 11.438, 198.496

69, 11.438,
198.496

69, 11.438,
198.496

68, 17.093,
198.013

70, 5.342, 199.045

67, 22.202,
197.595

72, 1.097, 19.040

73, 7.788, 20.002

66, 26.668,
197.238

75, 14.653, 20.625

66, 30.406,
196.943

76, 21.626, 21.244

78, 28.654, 21.866

65, 33.361,
196.713

79, 31.786, 22.143

65, 35.510,
196.548

79, 31.785, 22.142

79, 31.785, 22.141

65, 36.881,
196.443

65, 37.609,

196.387

■ 65, 37.712,
196.379

Harmonies

Complementary

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



69, 11.438, 198.496



62, 12.869, 20.650

Rectangle

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



69, 11.438, 198.496



69, 11.438, 248.496



69, 11.438, 18.496



69, 11.438, 68.496

Sweetspot

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



69, 11.439, 198.489



89, 4.001, 199.276



68, 21.395, 142.891



48, 2.747, 199.221



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, 11.439, 198.489



87, 16.782, 198.289



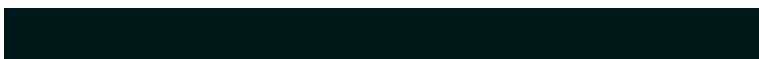
65, 10.287, 256.127



36, 3.603, 198.985



56, 33.809, 196.379



6, 7.801, 199.416

Inverse Universe

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



62, 12.869, 20.650



77, 19.426, 21.031



66, 10.837, 71.386



34, 3.818, 19.905



31, 69.981, 39.445



2, 7.802, 19.402

Previews

White Background



This preview shows how the CIELCh color 69, 11.438, 198.496 looks on a white background.

Color Contrast Check

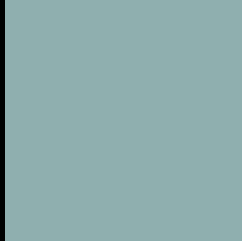
Large Text (above 18pt) WCAG AA × Fail

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, 11.438, 198.496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

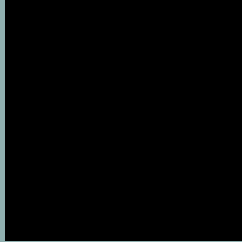
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

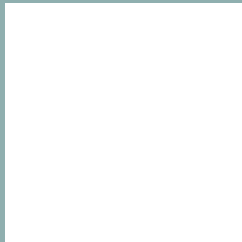
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 11.438, 198.496

Background



This preview shows how black text looks on a background with the CIELCh color 69, 11.438, 198.496.



This preview shows how white text looks on a background with the CIELCh color 69, 11.438, 198.496.

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, 11.438, 198.496

Protanopia

69, 2.016, 324.424

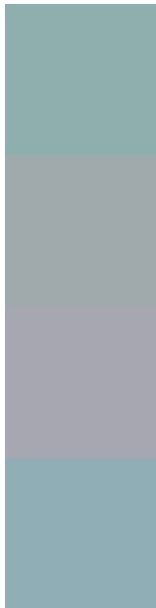
Deuteranopia

69, 10.032, 330.261



Tritanopia
69, 11.902, 235.810

Trichromacy



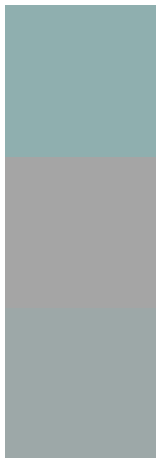
Original Color
69, 11.438, 198.496

Protanomaly
69, 3.837, 215.889

Deuteranomaly
69, 4.960, 286.425

Tritanomaly
69, 11.300, 221.626

Monochromacy



Original Color
69, 11.438, 198.496

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 4.089, 199.170

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 11.438, 198.496 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(143, 175, 175)` looks like.

```
.text, #text, p{  
    color:rgb(143, 175, 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(143, 175, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 175, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 11.438, 198.496 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(143, 175, 175) }
```

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

```
.border{ border-color:rgb(143, 175, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 175, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 175, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 175, 175);  
box-shadow:4px 4px 4px 4px rgb(143, 175,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 11.438, 198.496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 175, 175) }
```

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

```
.background{ background-color: rgb(143,  
175, 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](#).

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