

Converting Colors

CIELCh(68, 8.489, 221.723)

Have a look what the booklet for
CIELCh(68, 8.489, 221.723) contains.

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Color

CIELCh(68, 8.487, 221.835)

Conversions

Conversions Part 1

Format	Color
Hex	94AAB0
RGB	148, 170, 176
RGB Percent	58%, 67%, 69%
CMY	0.4212, 0.3349, 0.3114
CMYK	0.16, 0.03, 0.00, 0.31
HSL	193°, 15%, 63%
HSV	193°, 16%, 69%
XYZ	34.2332, 37.9720, 46.3851
YIQ	164.1060, -15.0380, -2.7980

Conversions

Conversions Part 2

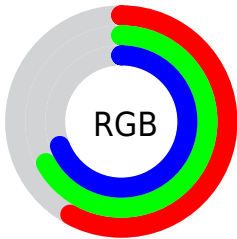
Format	Color
RYB	148, 160, 176
Decimal	9743024
CIELab	68.00, -6.32, -5.66
CIELCh	68, 8.487, 221.835
Yxy	37.9720, 0.2887, 0.3202
Android (android.graphics.Color)	4287933104 (0xFF94AAB0)
YUV	164.1060, 5.8637, -14.1250
Hunter-Lab	61.6215, -8.6737, -1.4951

Details

The CIELCh color **68, 8.487, 221.835** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 9.382, 40.726**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 8.634, 224.092**, and **48, 8.567, 223.142** is the 20% darker color. If you saturate the color by 10%, you get **66, 13.399, 222.422**, and if you desaturate by 10%, it is **70, 3.244, 221.477**.

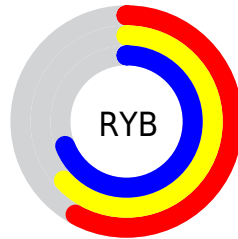
Distribution



Red (58%)

Green (67%)

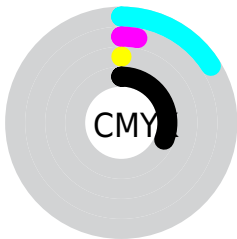
Blue (69%)



Red (58%)

Yellow (63%)

Blue (69%)

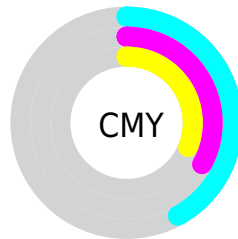


Cyan (16%)

Magenta (3%)

Yellow (0%)

Black (31%)



Cyan (42%)

Magenta (33%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 8.487, 221.835 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 68, 8.487, 221.835 by changing the saturation by 10% instead.

■ 68, 8.487, 221.835

■ 68, 8.487, 221.835

■ 100, 8.487,
221.835

■ 58, 8.487, 221.835

■ 88, 8.487, 221.835

■ 48, 8.487, 221.835

■ 98, 8.487, 221.835

■ 38, 8.487, 221.835

■ 28, 8.487, 221.835

■ 18, 8.487, 221.835

■ 8, 8.487, 221.835

■ 0, 8.487, 221.835

■ 68, 8.487, 221.835

■ 68, 8.487, 221.835

■ 66, 13.399,

■ 70, 3.244, 221.477

222.422

73, 2.259, 40.808

64, 17.904,
223.258

75, 7.961, 40.770

62, 21.921,
224.382

78, 13.811, 40.687

60, 25.377,
225.864

80, 19.766, 40.652

58, 28.216,
227.781

84, 25.959, 44.990

57, 30.416,
230.218

85, 25.543, 50.074

55, 32.001,
233.255

86, 25.338, 55.282

54, 33.074,
236.925

53, 33.470,
238.479

Harmonies

Complementary

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



68, 8.487, 221.835



65, 9.382, 40.726

Rectangle

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



68, 8.487, 221.835



68, 8.487, 271.835



68, 8.487, 41.835



68, 8.487, 91.835

Sweetspot

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



68, 8.487, 221.824



90, 3.402, 221.471



69, 16.319, 149.472



47, 2.315, 221.475



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



68, 8.487, 221.824



86, 12.456, 222.003



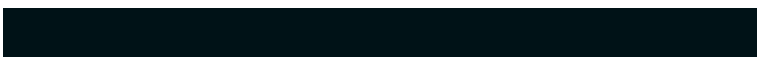
64, 11.253, 275.834



36, 3.036, 221.554



46, 29.820, 237.915



4, 6.405, 230.322

Inverse Universe

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



64, 16.215, 332.013



80, 24.061, 332.238



69, 11.220, 91.744



34, 5.678, 331.576



34, 66.229, 338.821



2, 11.291, 333.879

Previews

White Background



This preview shows how the CIELCh color 68, 8.487, 221.835 looks on a white background.

Color Contrast Check

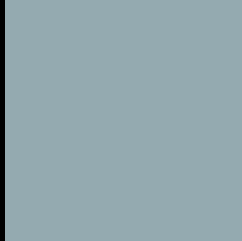
Large Text (above 18pt) WCAG AA × Fail

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 68, 8.487, 221.835 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

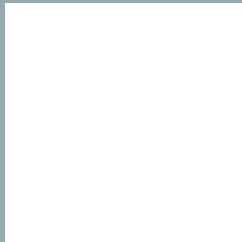
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 8.487, 221.835

Background



This preview shows how black text looks on a background with the CIELCh color 68, 8.487, 221.835.



This preview shows how white text looks on a background with the CIELCh color 68, 8.487, 221.835.

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

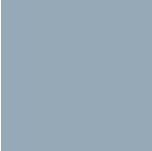
68, 8.487, 221.835

Protanopia

68, 5.034, 299.184

Deuteranopia

68, 10.495, 323.188



Tritanopia
68, 9.926, 245.346

Trichromacy



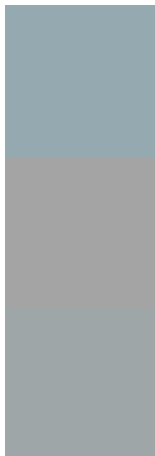
Original Color
68, 8.487, 221.835

Protanomaly
68, 5.061, 260.119

Deuteranomaly
68, 6.673, 297.205

Tritanomaly
68, 9.481, 238.826

Monochromacy



Original Color
68, 8.487, 221.835

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 3.158, 219.780

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 8.487, 221.835 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(148, 170, 176)` looks like.

```
.text, #text, p{  
    color:rgb(148, 170, 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(148, 170, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 170, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 8.487, 221.835 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(148, 170, 176) }
```

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

```
.border{ border-color:rgb(148, 170, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 170, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 170, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 170, 176);  
box-shadow:4px 4px 4px 4px rgb(148, 170,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 8.487, 221.835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 170, 176) }
```

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

```
.background{ background-color: rgb(148,  
170, 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](#).

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