

Converting Colors

CIELCh(68, 7.188, 216.803)

Have a look what the booklet for
CIELCh(68, 7.188, 216.803) contains.

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Color

CIELCh(68, 7.195, 216.805)

Conversions

Conversions Part 1

Format	Color
Hex	96A9AD
RGB	150, 169, 173
RGB Percent	59%, 66%, 68%
CMY	0.4110, 0.3365, 0.3208
CMYK	0.13, 0.02, 0.00, 0.32
HSL	190°, 12%, 63%
HSV	190°, 13%, 68%
XYZ	34.3958, 37.9720, 45.1477
YIQ	163.7750, -12.6080, -2.7840

Conversions

Conversions Part 2

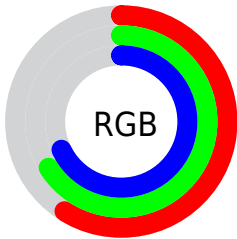
Format	Color
RYB	150, 160, 173
Decimal	9873837
CIELab	68.00, -5.76, -4.31
CIELCh	68, 7.195, 216.805
Yxy	37.9720, 0.2927, 0.3231
Android (android.graphics.Color)	4288063917 (0xFF96A9AD)
YUV	163.7750, 4.5479, -12.0807
Hunter-Lab	61.6215, -8.2026, -0.3045

Details

The CIELCh color **68, 7.195, 216.805** is a light color, and the websafe version is hex **999999**. A complement of this color would be **65, 7.832, 36.361**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 7.212, 215.909**, and **48, 7.222, 217.879** is the 20% darker color. If you saturate the color by 10%, you get **66, 12.238, 217.105**, and if you desaturate by 10%, it is **70, 1.824, 216.793**.

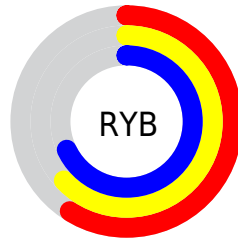
Distribution



Red (59%)

Green (66%)

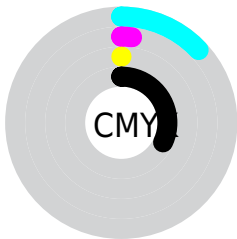
Blue (68%)



Red (59%)

Yellow (63%)

Blue (68%)

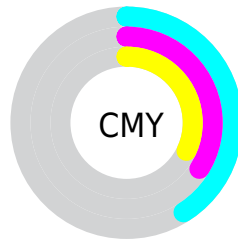


Cyan (13%)

Magenta (2%)

Yellow (0%)

Black (32%)



Cyan (41%)

Magenta (34%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 7.195, 216.805 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, 7.195, 216.805 by changing the saturation by 10% instead.

■ 68, 7.195, 216.805

■ 68, 7.195, 216.805

■ 100, 7.195,
216.805

■ 58, 7.195, 216.805

■ 88, 7.195, 216.805

■ 48, 7.195, 216.805

■ 98, 7.195, 216.805

■ 38, 7.195, 216.805

■ 28, 7.195, 216.805

■ 18, 7.195, 216.805

■ 8, 7.195, 216.805

■ 0, 7.195, 216.805

■ 68, 7.195, 216.805

■ 68, 7.195, 216.805

■ 66, 12.238,

■ 70, 1.824, 216.793

217.105

72, 3.804, 36.301

64, 16.871,
217.611

75, 9.625, 36.370

62, 21.009,
218.347

77, 15.587, 36.445

61, 24.571,
219.363

79, 21.646, 36.557

59, 27.488,
220.722

82, 27.490, 40.120

58, 29.717,
222.496

83, 26.972, 43.872

57, 31.261,
224.758

84, 26.579, 47.756

55, 32.178,
227.566

55, 32.598,
229.661

Harmonies

Complementary

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



68, 7.195, 216.805



65, 7.832, 36.361

Rectangle

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



68, 7.195, 216.805



68, 7.195, 266.805



68, 7.195, 36.805



68, 7.195, 86.805

Sweetspot

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



68, 7.195, 216.792



88, 2.738, 216.753



69, 13.760, 148.554



47, 1.940, 216.731



95, 0.011, 296.813



47, 0.006, 296.813

Same Dimension

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



68, 7.195, 216.792



85, 10.610, 216.866



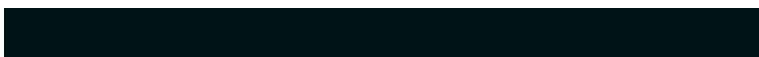
65, 8.910, 272.908



36, 3.102, 216.726



48, 29.383, 229.237



5, 6.493, 224.180

Inverse Universe

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



65, 13.729, 330.411



80, 20.444, 330.600



68, 8.927, 89.467



34, 5.843, 330.159



34, 68.227, 336.445



2, 11.710, 331.951

Previews

White Background



This preview shows how the CIELCh color 68, 7.195, 216.805 looks on a white background.

Color Contrast Check

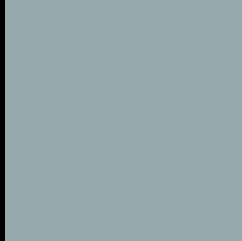
Large Text (above 18pt) WCAG AA × Fail

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 68, 7.195, 216.805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

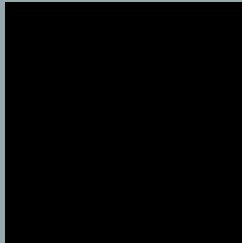
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

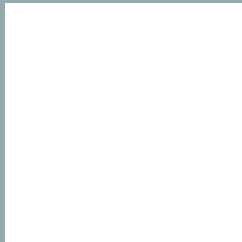
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 7.195, 216.805

Background



This preview shows how black text looks on a background with the CIELCh color 68, 7.195, 216.805.



This preview shows how white text looks on a background with the CIELCh color 68, 7.195, 216.805.

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

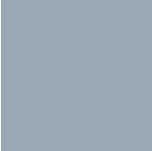
68, 7.195, 216.805

Protanopia

68, 2.870, 305.616

Deuteranopia

68, 9.818, 328.540



Tritanopia
68, 9.038, 251.719

Trichromacy



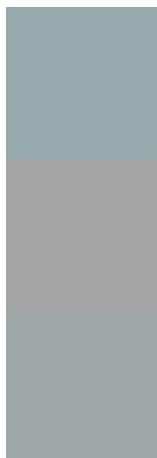
Original Color
68, 7.195, 216.805

Protanomaly
68, 3.106, 244.639

Deuteranomaly
68, 5.645, 302.122

Tritanomaly
68, 8.117, 241.956

Monochromacy



Original Color
68, 7.195, 216.805

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 2.664, 211.316

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 7.195, 216.805 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(150, 169, 173)` looks like.

```
.text, #text, p{  
    color:rgb(150, 169, 173)  
}
```

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(150, 169, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 169, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 7.195, 216.805 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(150, 169, 173) }
```

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

```
.border{ border-color:rgb(150, 169, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 169, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 169, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 169, 173);  
box-shadow:4px 4px 4px 4px rgb(150, 169,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 7.195, 216.805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 169, 173) }
```

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

```
.background{ background-color: rgb(150,  
169, 173) }
```

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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