

Converting Colors

CIELCh(68, 7.317, 219.598)

Have a look what the booklet for
CIELCh(68, 7.317, 219.598) contains.

CIELCh(68, 7.352, 220.998)	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(68, 7.352, 220.998)

Conversions

Conversions Part 1

Format	Color
Hex	96A9AE
RGB	150, 169, 174
RGB Percent	59%, 66%, 68%
CMY	0.4113, 0.3368, 0.3172
CMYK	0.14, 0.03, 0.00, 0.32
HSL	192°, 13%, 64%
HSV	192°, 14%, 68%
XYZ	34.4573, 37.9720, 45.6149
YIQ	163.8890, -12.9290, -2.4730

Conversions

Conversions Part 2

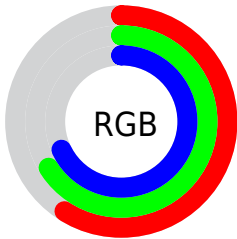
Format	Color
RYB	150, 161, 174
Decimal	9873838
CIELab	68.00, -5.55, -4.82
CIELCh	68, 7.352, 220.998
Yxy	37.9720, 0.2919, 0.3217
Android (android.graphics.Color)	4288063918 (0xFF96A9AE)
YUV	163.8890, 4.9847, -12.1807
Hunter-Lab	61.6215, -8.0246, -0.7540

Details

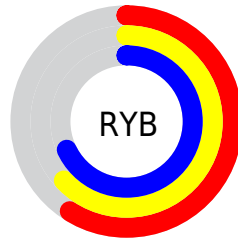
The CIELCh color **68, 7.352, 220.998** is a light color, and the websafe version is hex **999999**. A complement of this color would be **66, 8.014, 40.093**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 7.356, 219.882**, and **48, 7.395, 222.350** is the 20% darker color. If you saturate the color by 10%, you get **66, 12.319, 221.501**, and if you desaturate by 10%, it is **70, 2.070, 220.777**.

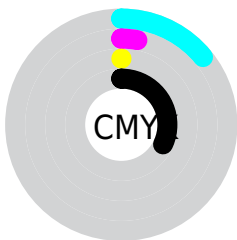
Distribution



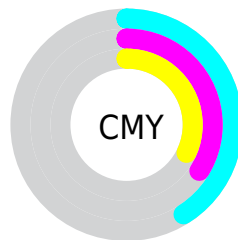
- Red (59%)
- Green (66%)
- Blue (68%)



- Red (59%)
- Yellow (63%)
- Blue (68%)



- Cyan (14%)
- Magenta (3%)
- Yellow (0%)
- Black (32%)



- Cyan (41%)
- Magenta (34%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 7.352, 220.998 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, 7.352, 220.998 by changing the saturation by 10% instead.

■ 68, 7.352, 220.998

■ 68, 7.352, 220.998

■ 100, 7.352,
220.998

■ 58, 7.352, 220.998

■ 88, 7.352, 220.998

■ 48, 7.352, 220.998

■ 98, 7.352, 220.998

■ 38, 7.352, 220.998

■ 28, 7.352, 220.998

■ 18, 7.352, 220.998

■ 8, 7.352, 220.998

■ 0, 7.352, 220.998

■ 68, 7.352, 220.998

■ 68, 7.352, 220.998

■ 66, 12.319,

■ 70, 2.070, 220.777

221.501

73, 3.460, 40.151

64, 16.893,
222.242

75, 9.177, 40.090

62, 20.995,
223.253

77, 15.032, 40.038

60, 24.549,
224.596

80, 20.984, 40.033

58, 27.493,
226.347

83, 26.999, 40.069

57, 29.793,
228.587

84, 26.551, 44.554

55, 31.463,
231.399

84, 26.123, 49.332

54, 32.576,
234.839

53, 33.136,
237.164

Harmonies

Complementary

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



68, 7.352, 220.998



66, 8.014, 40.093

Rectangle

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



68, 7.352, 220.998



68, 7.352, 270.998



68, 7.352, 40.998



68, 7.352, 90.998

Sweetspot

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



68, 7.352, 220.985



89, 2.711, 220.770



69, 14.005, 149.635



48, 1.939, 220.760



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, 7.352, 220.985



85, 11.138, 221.142



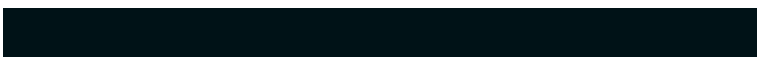
65, 9.646, 275.519



36, 3.044, 220.829



46, 29.716, 236.642



5, 6.413, 229.422

Inverse Universe

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



65, 13.971, 331.655



80, 21.407, 331.885



69, 9.618, 92.011



34, 5.702, 331.362



34, 66.516, 338.459



2, 11.351, 333.591

Previews

White Background



This preview shows how the CIELCh color 68, 7.352, 220.998 looks on a white background.

Color Contrast Check

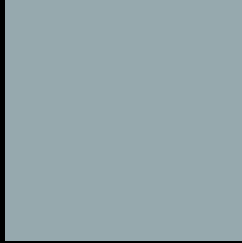
Large Text (above 18pt) WCAG AA × Fail

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, 7.352, 220.998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

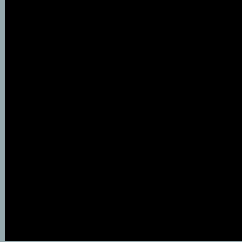
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

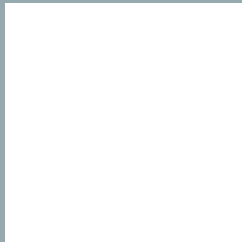
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 7.352, 220.998

Background



This preview shows how black text looks on a background with the CIELCh color 68, 7.352, 220.998.



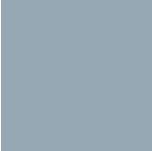
This preview shows how white text looks on a background with the CIELCh color 68, 7.352, 220.998.

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
68, 9.253, 250.007

Trichromacy



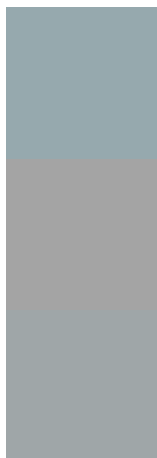
Original Color
68, 7.352, 220.998

Protanomaly
68, 3.762, 261.071

Deuteranomaly
68, 6.186, 301.145

Tritanomaly
68, 8.117, 241.956

Monochromacy



Original Color
68, 7.352, 220.998

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 2.816, 222.441

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 7.352, 220.998 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(150, 169, 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(150, 169, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 169, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 7.352, 220.998 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, 174) }
```

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

```
.border{ border-color:rgb(150, 169, 174) }
```

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, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 169, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 169, 174);  
box-shadow:4px 4px 4px 4px rgb(150, 169,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 7.352, 220.998 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, 174) }
```

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

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