

Converting Colors

CIELCh(68, 8.003, 210.403)

Have a look what the booklet for
CIELCh(68, 8.003, 210.403) contains.

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Color

CIELCh(68, 8.097, 210.624)

Conversions

Conversions Part 1

Format	Color
Hex	94AAAD
RGB	148, 170, 173
RGB Percent	58%, 67%, 68%
CMY	0.4203, 0.3340, 0.3223
CMYK	0.14, 0.02, 0.00, 0.32
HSL	187°, 13%, 63%
HSV	187°, 14%, 68%
XYZ	34.0475, 37.9720, 44.9791
YIQ	163.7640, -14.0750, -3.7310

Conversions

Conversions Part 2

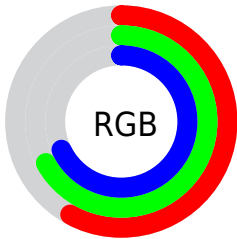
Format	Color
RYB	148, 160, 173
Decimal	9743021
CIELab	68.00, -6.97, -4.12
CIELCh	68, 8.097, 210.624
Yxy	37.9720, 0.2910, 0.3246
Android (android.graphics.Color)	4287933101 (0xFF94AAAD)
YUV	163.7640, 4.5533, -13.8250
Hunter-Lab	61.6215, -9.2116, -0.1423

Details

The CIELCh color **68, 8.097, 210.624** is a light color, and the websafe version is hex **999999**. A complement of this color would be **64, 8.899, 30.884**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 8.091, 210.139**, and **48, 8.146, 211.193** is the 20% darker color. If you saturate the color by 10%, you get **66, 13.268, 210.654**, and if you desaturate by 10%, it is **70, 2.565, 210.788**.

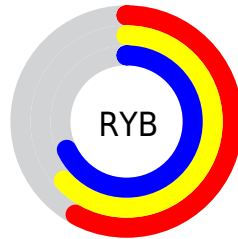
Distribution



Red (58%)

Green (67%)

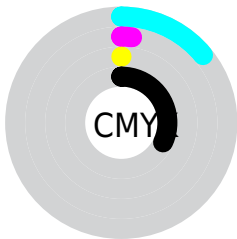
Blue (68%)



Red (58%)

Yellow (63%)

Blue (68%)

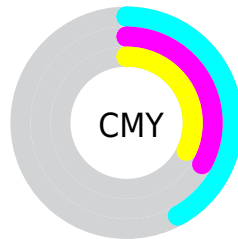


Cyan (14%)

Magenta (2%)

Yellow (0%)

Black (32%)



Cyan (42%)

Magenta (33%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 8.097, 210.624 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, 8.097, 210.624 by changing the saturation by 10% instead.

68, 8.097, 210.624

68, 8.097, 210.624

100, 8.097,
210.624

58, 8.097, 210.624

88, 8.097, 210.624

48, 8.097, 210.624

98, 8.097, 210.624

38, 8.097, 210.624

28, 8.097, 210.624

18, 8.097, 210.624

8, 8.097, 210.624

0, 8.097, 210.624

68, 8.097, 210.624

68, 8.097, 210.624

66, 13.268,

70, 2.565, 210.788

210.654

72, 3.248, 30.566

65, 17.989,
210.844

74, 9.272, 30.855

63, 22.168,
211.206

76, 15.447, 31.114

62, 25.718,
211.776

78, 21.725, 31.397

61, 28.568,
212.596

80, 28.067, 31.700

60, 30.674,
213.714

81, 28.906, 33.565

59, 32.035,
215.176

82, 28.394, 35.902

58, 32.707,
217.025

82, 27.931, 38.323

58, 32.926,
218.147

Harmonies

Complementary

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



68, 8.097, 210.624



64, 8.899, 30.884

Rectangle

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



68, 8.097, 210.624



68, 8.097, 260.624



68, 8.097, 30.624



68, 8.097, 80.624

Sweetspot

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



68, 8.097, 210.613



88, 2.845, 210.810



68, 15.511, 146.885



47, 2.016, 210.771



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, 8.097, 210.613



85, 11.671, 210.610



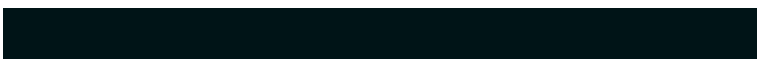
65, 9.174, 268.916



36, 3.223, 210.656



50, 29.754, 217.873



5, 6.734, 216.005

Inverse Universe

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



64, 15.507, 328.704



80, 22.564, 328.874



67, 9.277, 85.078



34, 6.069, 328.394



34, 71.074, 333.566



2, 12.316, 329.479

Previews

White Background



This preview shows how the CIE LCh color 68, 8.097, 210.624 looks on a white background.

Color Contrast Check

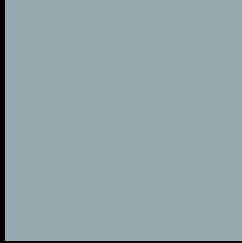
Large Text (above 18pt) WCAG AA × Fail

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, 8.097, 210.624 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

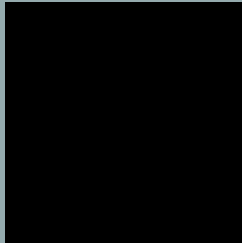
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 8.097, 210.624

Background



This preview shows how black text looks on a background with the CIELCh color 68, 8.097, 210.624.



This preview shows how white text looks on a background with the CIELCh color 68, 8.097, 210.624.

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, 10.091, 249.126

Trichromacy



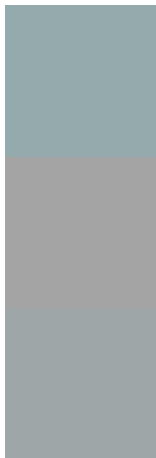
Original Color
68, 8.097, 210.624

Protanomaly
68, 3.374, 240.185

Deuteranomaly
68, 5.579, 298.384

Tritanomaly
68, 8.898, 237.346

Monochromacy



Original Color
68, 8.097, 210.624

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 3.026, 209.819

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 8.097, 210.624 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(148, 170, 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(148, 170, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 170, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 8.097, 210.624 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, 173) }
```

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

```
.border{ border-color:rgb(148, 170, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 170, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 170, 173);  
box-shadow:4px 4px 4px 4px rgb(148, 170,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 8.097, 210.624 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, 173) }
```

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

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