

Converting Colors

CIELCh(68, 6.048, 214.896)

Have a look what the booklet for
CIELCh(68, 6.048, 214.896) contains.

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Color

CIELCh(68, 6.048, 214.896)

Conversions

Conversions Part 1

Format	Color
Hex	99A9AC
RGB	153, 169, 172
RGB Percent	60%, 66%, 67%
CMY	0.4012, 0.3384, 0.3267
CMYK	0.11, 0.02, 0.00, 0.33
HSL	189°, 10%, 64%
HSV	189°, 11%, 67%
XYZ	34.6281, 37.9720, 44.3797
YIQ	164.5580, -10.4990, -2.4590

Conversions

Conversions Part 2

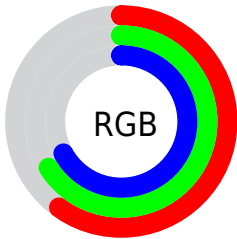
Format	Color
RYB	153, 162, 172
Decimal	10070444
CIELab	68.00, -4.96, -3.46
CIELCh	68, 6.048, 214.896
Yxy	37.9720, 0.2960, 0.3246
Android (android.graphics.Color)	4288260524 (0xFF99A9AC)
YUV	164.5580, 3.6689, -10.1364
Hunter-Lab	61.6215, -7.5297, 0.4344

Details

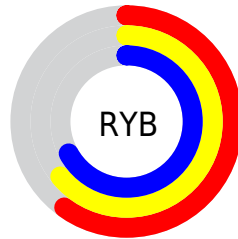
The CIELCh color **68, 6.048, 214.896** is a light color, and the websafe version is hex **999999**. A complement of this color would be **66, 6.489, 34.642**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 6.111, 213.988**, and **48, 6.025, 215.971** is the 20% darker color. If you saturate the color by 10%, you get **66, 11.184, 215.064**, and if you desaturate by 10%, it is **70, 0.596, 215.525**.

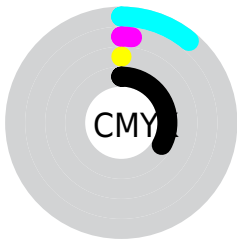
Distribution



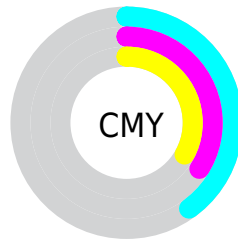
- Red (60%)
- Green (66%)
- Blue (67%)



- Red (60%)
- Yellow (64%)
- Blue (67%)



- Cyan (11%)
- Magenta (2%)
- Yellow (0%)
- Black (33%)




- Cyan (40%)
- Magenta (34%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 6.048, 214.896 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, 6.048, 214.896 by changing the saturation by 10% instead.

 68, 6.048, 214.896

 68, 6.048, 214.896

 100, 6.048,
214.896

 58, 6.048, 214.896

 88, 6.048, 214.896

 48, 6.048, 214.896

 98, 6.048, 214.896

 38, 6.048, 214.896

 28, 6.048, 214.896

 18, 6.048, 214.896

 8, 6.048, 214.896

 0, 6.048, 214.896

 68, 6.048, 214.896

 68, 6.048, 214.896

 66, 11.184,

 70, 0.596, 215.525

215.064

72, 5.100, 34.599

64, 15.923,
215.426

74, 10.980, 34.719

63, 20.178,
215.990

77, 16.990, 34.858

61, 23.864,
216.800

79, 23.089, 35.029

60, 26.909,
217.910

82, 28.347, 38.447

58, 29.259,
219.383

82, 27.825, 41.680

57, 30.904,
221.286

83, 27.397, 45.029

56, 31.882,
223.679

55, 32.377,
226.158

Harmonies

Complementary

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



68, 6.048, 214.896



66, 6.489, 34.642

Rectangle

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



68, 6.048, 214.896



68, 6.048, 264.896



68, 6.048, 34.896



68, 6.048, 84.896

Sweetspot

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



68, 6.048, 214.881



89, 2.080, 215.000



68, 11.503, 148.171



47, 1.572, 214.947



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, 6.048, 214.881



86, 8.785, 214.904



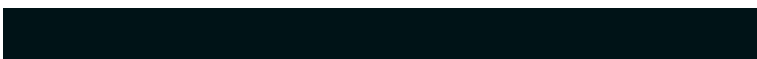
65, 7.224, 271.251



36, 3.134, 214.870



49, 29.383, 225.799



5, 6.549, 221.731

Inverse Universe

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



65, 11.469, 329.729



82, 16.775, 329.864



68, 7.246, 88.375



34, 5.910, 329.619



34, 69.055, 335.554



2, 11.885, 331.202

Previews

White Background



This preview shows how the CIE LCh color 68, 6.048, 214.896 looks on a white background.

Color Contrast Check

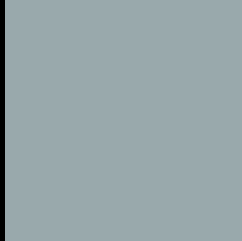
Large Text (above 18pt) WCAG AA × Fail

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, 6.048, 214.896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

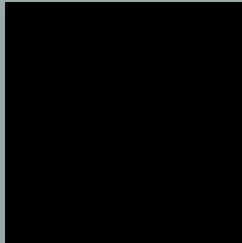
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

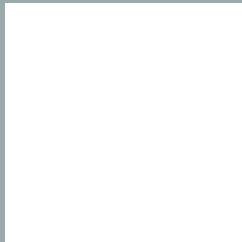
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 6.048, 214.896

Background



This preview shows how black text looks on a background with the CIELCh color 68, 6.048, 214.896.



This preview shows how white text looks on a background with the CIELCh color 68, 6.048, 214.896.

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, 6.048, 214.896

Protanopia

68, 2.344, 309.125

Deuteranopia

68, 9.245, 334.656



Tritanopia
68, 8.907, 259.467

Trichromacy



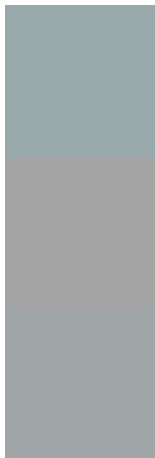
Original Color
68, 6.048, 214.896

Protanomaly
68, 2.643, 256.119

Deuteranomaly
68, 5.327, 311.178

Tritanomaly
68, 7.381, 247.550

Monochromacy



Original Color
68, 6.048, 214.896

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 2.303, 213.279

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 6.048, 214.896 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(153, 169, 172)` looks like.

```
.text, #text, p{  
    color:rgb(153, 169, 172)  
}
```

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(153, 169, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 169, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 6.048, 214.896 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(153, 169, 172) }
```

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

```
.border{ border-color:rgb(153, 169, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 169, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 169, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 169, 172);  
box-shadow:4px 4px 4px 4px rgb(153, 169,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 6.048, 214.896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 169, 172) }
```

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

```
.background{ background-color: rgb(153,  
169, 172) }
```

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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