

Converting Colors

CIELCh(68, 6.291, 193.260)

Have a look what the booklet for
CIELCh(68, 6.291, 193.260) contains.

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Color

CIELCh(68, 6.309, 193.916)

Conversions

Conversions Part 1

Format	Color
Hex	98A9A8
RGB	152, 169, 168
RGB Percent	60%, 66%, 66%
CMY	0.4032, 0.3365, 0.3404
CMYK	0.10, 0.00, 0.01, 0.34
HSL	176°, 9%, 63%
HSV	176°, 10%, 66%
XYZ	34.2908, 37.9720, 42.6582
YIQ	163.8030, -9.8110, -3.9150

Conversions

Conversions Part 2

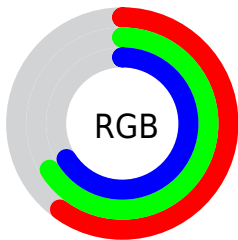
Format	Color
R_{YB}	152, 161, 169
Decimal	10004904
CIE _{Lab}	68.00, -6.12, -1.52
CIE _{LCh}	68, 6.309, 193.916
Yxy	37.9720, 0.2984, 0.3304
Android (android.graphics.Color)	4288194984 (0xFF98A9A8)
YUV	163.8030, 2.0691, -10.3512
Hunter-Lab	61.6215, -8.5068, 2.0908

Details

The CIELCh color $68, 6.309, 193.916$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $64, 6.671, 15.202$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 6.360, 194.334$, and $48, 6.309, 193.371$ is the 20% darker color. If you saturate the color by 10%, you get $67, 12.282, 193.196$, and if you desaturate by 10%, it is $69, 0.032, 209.870$.

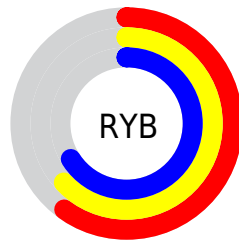
Distribution



Red (60%)

Green (66%)

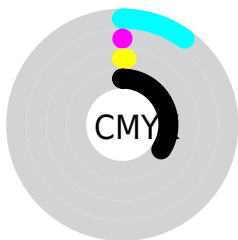
Blue (66%)



Red (60%)

Yellow (63%)

Blue (66%)

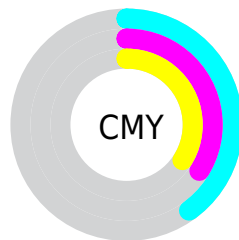


Cyan (10%)

Magenta (0%)

Yellow (1%)

Black (34%)



Cyan (40%)

Magenta (34%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 6.309, 193.916 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, 6.309, 193.916 by changing the saturation by 10% instead.

■ 68, 6.309, 193.916

■ 68, 6.309, 193.916

■ 100, 6.309,
193.916

■ 58, 6.309, 193.916

■ 88, 6.309, 193.916

■ 48, 6.309, 193.916

■ 98, 6.309, 193.916

■ 38, 6.309, 193.916

■ 28, 6.309, 193.916

■ 18, 6.309, 193.916

■ 8, 6.309, 193.916

■ 0, 6.309, 193.916

■ 68, 6.309, 193.916

■ 68, 6.309, 193.916

■ 67, 12.282,

■ 69, 0.032, 209.870

193.196

71, 6.468, 15.116

66, 17.850,
192.523

72, 13.109, 15.841

65, 22.909,
191.865

74, 19.830, 16.541

64, 27.361,
191.216

76, 26.582, 17.231

64, 31.121,
190.568

78, 33.810, 17.145

63, 34.126,
189.914

78, 33.784, 16.255

63, 36.355,
189.240

78, 33.767, 15.365

63, 37.832,
188.534

62, 38.746,
187.801

Harmonies

Complementary

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



68, 6.309, 193.916



64, 6.671, 15.202

Rectangle

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



68, 6.309, 193.916



68, 6.309, 243.916



68, 6.309, 13.916



68, 6.309, 63.916

Sweetspot

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



68, 6.310, 193.904



87, 2.358, 194.549



68, 11.210, 142.127



46, 1.782, 194.445



94, 0.011, 296.813



46, 0.006, 296.813

Same Dimension

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



68, 6.310, 193.904



86, 9.260, 193.745



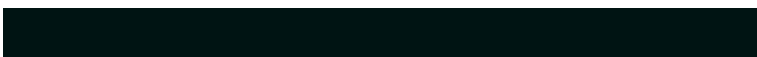
66, 5.350, 249.128



35, 3.544, 193.962



55, 35.078, 187.890



5, 6.628, 192.645

Inverse Universe

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



64, 6.671, 15.202



80, 9.912, 15.399



66, 5.535, 66.718



33, 3.730, 15.132



30, 66.953, 36.961



1, 6.596, 15.187

Previews

White Background



This preview shows how the CIELCh color 68, 6.309, 193.916 looks on a white background.

Color Contrast Check

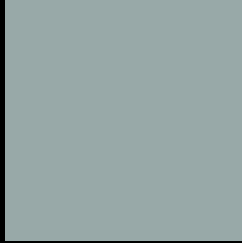
Large Text (above 18pt) WCAG AA × Fail

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, 6.309, 193.916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

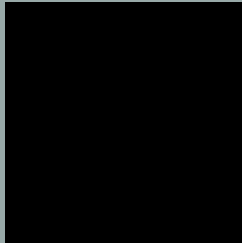
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

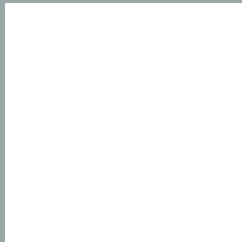
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 6.309, 193.916

Background



This preview shows how black text looks on a background with the CIELCh color 68, 6.309, 193.916.



This preview shows how white text looks on a background with the CIELCh color 68, 6.309, 193.916.

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, 8.907, 259.467

Trichromacy



Original Color
68, 6.309, 193.916

Protanomaly
68, 1.875, 199.499

Deuteranomaly
68, 4.035, 324.577

Tritanomaly
68, 6.912, 238.822

Monochromacy



Original Color
68, 6.309, 193.916

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 2.250, 199.422

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 6.309, 193.916 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(152, 169, 168)` looks like.

```
.text, #text, p{  
    color:rgb(152, 169, 168)  
}
```

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(152, 169, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 169, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 6.309, 193.916 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(152, 169, 168) }
```

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

```
.border{ border-color:rgb(152, 169, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 169, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 169, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 169, 168);  
box-shadow:4px 4px 4px 4px rgb(152, 169,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 6.309, 193.916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 169, 168) }
```

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

```
.background{ background-color: rgb(152,  
169, 168) }
```

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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