

Converting Colors

CIELCh(68, 11.768, 201.158)

Have a look what the booklet for
CIELCh(68, 11.768, 201.158)
contains.

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Color

CIELCh(68, 11.768, 201.158)

Conversions

Conversions Part 1

Format	Color
Hex	8BACAD
RGB	139, 172, 173
RGB Percent	55%, 67%, 68%
CMY	0.4552, 0.3258, 0.3219
CMYK	0.20, 0.01, 0.00, 0.32
HSL	182°, 17%, 61%
HSV	182°, 20%, 68%
XYZ	32.9079, 37.9720, 45.0906
YIQ	162.2470, -19.9890, -6.6850

Conversions

Conversions Part 2

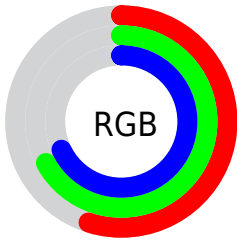
Format	Color
RYB	139, 156, 173
Decimal	9153709
CIELab	68.00, -10.97, -4.25
CIElCh	68, 11.768, 201.158
Yxy	37.9720, 0.2838, 0.3274
Android (android.graphics.Color)	4287343789 (0xFF8BACAD)
YUV	162.2470, 5.3012, -20.3876
Hunter-Lab	61.6215, -12.5128, -0.2495

Details

The CIELCh color **68, 11.768, 201.158** is a light color, and the websafe version is hex **669999**. A complement of this color would be **61, 13.387, 23.088**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 11.656, 201.240**, and **48, 11.904, 201.006** is the 20% darker color. If you saturate the color by 10%, you get **67, 17.145, 200.808**, and if you desaturate by 10%, it is **69, 5.950, 201.583**.

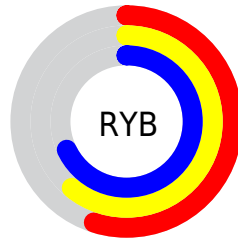
Distribution



Red (55%)

Green (67%)

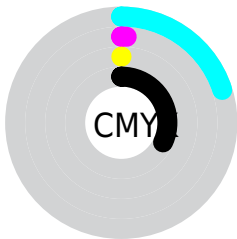
Blue (68%)



Red (55%)

Yellow (61%)

Blue (68%)

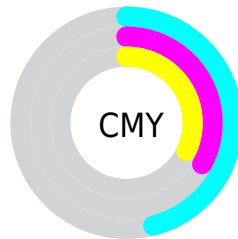


Cyan (20%)

Magenta (1%)

Yellow (0%)

Black (32%)



Cyan (46%)


Magenta (33%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 11.768, 201.158 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, 11.768, 201.158 by changing the saturation by 10% instead.


 68, 11.768,
201.158


 68, 11.768,
201.158


 100, 11.768,
201.158


 58, 11.768,
201.158


 88, 11.768,
201.158

 48, 11.768,
201.158

 98, 11.768,
201.158

 38, 11.768,
201.158

 28, 11.768,
201.158

 18, 11.768,
201.158

 8, 11.768, 201.158

 0, 11.768, 201.158

68, 11.768,
201.158

68, 11.768,
201.158

67, 17.145,
200.808

69, 5.950, 201.583

66, 21.979,
200.544

71, 0.215, 19.626

72, 6.639, 22.344

65, 26.175,
200.367

74, 13.247, 22.889

64, 29.651,
200.287

76, 19.975, 23.430

78, 26.772, 23.978

64, 32.353,
200.313

79, 31.583, 24.504

63, 34.260,
200.453

79, 31.410, 24.973

79, 31.238, 25.447

63, 35.401,
200.711

62, 35.954,

201.067

■ 62, 35.970,
201.079

Harmonies

Complementary

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



68, 11.768, 201.158



61, 13.387, 23.088

Rectangle

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



68, 11.768, 201.158



68, 11.768, 251.158



68, 11.768, 21.158



68, 11.768, 71.158

Sweetspot

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



68, 11.769, 201.151



88, 4.608, 201.782



67, 22.653, 143.650



47, 3.048, 201.743



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, 11.769, 201.151



85, 17.480, 200.978



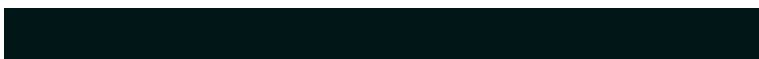
63, 11.271, 260.008



36, 3.498, 201.601



55, 32.481, 201.025



6, 7.474, 203.178

Inverse Universe

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



62, 22.478, 326.298



76, 33.926, 326.560



65, 11.796, 74.759



34, 6.461, 325.718



35, 76.218, 329.413



2, 13.455, 325.613

Previews

White Background



This preview shows how the CIELCh color 68, 11.768, 201.158 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, 11.768, 201.158 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

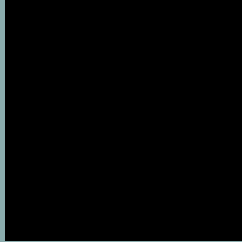
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

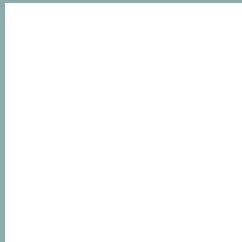
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 11.768, 201.158

Background



This preview shows how black text looks on a background with the CIELCh color 68, 11.768, 201.158.



This preview shows how white text looks on a background with the CIELCh color 68, 11.768, 201.158.

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, 11.768, 201.158

Protanopia
68, 2.497, 317.325

Deuteranopia
68, 10.489, 328.342



Tritanopia
68, 12.485, 237.111

Trichromacy



Original Color
68, 11.768, 201.158

Protanomaly
68, 4.023, 223.533

Deuteranomaly
68, 5.527, 286.925

Tritanomaly
68, 11.804, 223.578

Monochromacy



Original Color
68, 11.768, 201.158

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 4.463, 199.123

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 11.768, 201.158 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(139, 172, 173)` looks like.

```
.text, #text, p{  
    color:rgb(139, 172, 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(139, 172, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 172, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 11.768, 201.158 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(139, 172, 173) }
```

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

```
.border{ border-color:rgb(139, 172, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 172, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 172, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 172, 173);  
box-shadow:4px 4px 4px 4px rgb(139, 172,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 11.768, 201.158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 172, 173) }
```

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

```
.background{ background-color: rgb(139,  
172, 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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