

Converting Colors

CIELCh(68, 13.837, 200.638)

Have a look what the booklet for
CIELCh(68, 13.837, 200.638)
contains.

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Color

CIELCh(68, 13.741, 200.609)

Conversions

Conversions Part 1

Format	Color
Hex	86ADAE
RGB	134, 173, 174
RGB Percent	53%, 68%, 68%
CMY	0.4748, 0.3219, 0.3179
CMYK	0.23, 0.01, 0.00, 0.32
HSL	181°, 20%, 60%
HSV	181°, 23%, 68%
XYZ	32.3801, 37.9720, 45.6273
YIQ	161.4530, -23.5650, -7.9570

Conversions

Conversions Part 2

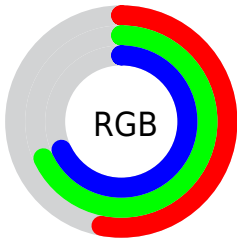
Format	Color
RYB	134, 154, 174
Decimal	8826286
CIELab	68.00, -12.86, -4.84
CIELCh	68, 13.741, 200.609
Yxy	37.9720, 0.2792, 0.3274
Android (android.graphics.Color)	4287016366 (0xFF86ADAE)
YUV	161.4530, 6.1857, -24.0763
Hunter-Lab	61.6215, -14.0415, -0.7659

Details

The CIELCh color **68, 13.741, 200.609** is a light color, and the websafe version is hex **669999**. A complement of this color would be **60, 16.008, 23.021**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 13.595, 200.738**, and **48, 13.873, 200.397** is the 20% darker color. If you saturate the color by 10%, you get **67, 18.996, 200.266**, and if you desaturate by 10%, it is **69, 8.008, 201.019**.

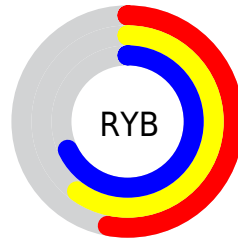
Distribution



Red (53%)

Green (68%)

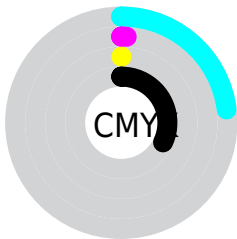
Blue (68%)



Red (53%)

Yellow (60%)

Blue (68%)

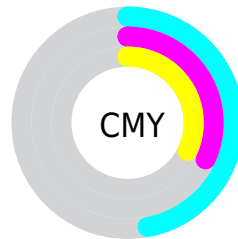


Cyan (23%)

Magenta (1%)

Yellow (0%)

Black (32%)



Cyan (47%)


Magenta (32%)

Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 13.741, 200.609 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, 13.741, 200.609 by changing the saturation by 10% instead.


 68, 13.741,
200.609


 68, 13.741,
200.609

 100, 13.741,
200.609


 58, 13.741,
200.609


 88, 13.741,
200.609

 48, 13.741,
200.609

 98, 13.741,
200.609

 38, 13.741,
200.609

 28, 13.741,
200.609

 18, 13.741,
200.609

 8, 13.741, 200.609

 0, 13.741, 200.609

68, 13.741,
200.609

68, 13.741,
200.609

67, 18.996,
200.266

69, 8.008, 201.019

66, 23.670,
200.006

71, 1.893, 201.661

72, 4.512, 21.768

65, 27.672,
199.832

74, 11.124, 22.346

64, 30.926,
199.752

76, 17.877, 22.898

77, 24.714, 23.455

64, 33.389,
199.774

79, 31.319, 24.011

64, 35.057,
199.903

79, 31.169, 24.413

79, 31.020, 24.819

63, 35.977,
200.141

63, 36.334,

Harmonies

Complementary

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



68, 13.741, 200.609



60, 16.008, 23.021

Rectangle

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



68, 13.741, 200.609



68, 13.741, 250.609



68, 13.741, 20.609



68, 13.741, 70.609

Sweetspot

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



68, 13.742, 200.604



89, 5.436, 201.322



67, 26.637, 143.394



48, 3.556, 201.288



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, 13.742, 200.604



86, 20.369, 200.409



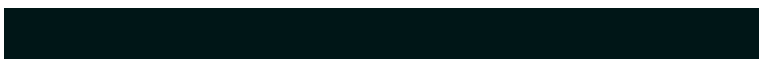
62, 13.227, 260.574



36, 3.513, 201.201



55, 32.668, 200.304



6, 7.520, 202.602

Inverse Universe

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



61, 26.504, 326.359



75, 40.031, 326.657



65, 13.966, 74.343



34, 6.480, 325.597



35, 76.477, 329.232



2, 13.514, 325.434

Previews

White Background



This preview shows how the CIELCh color 68, 13.741, 200.609 looks on a white background.

Color Contrast Check

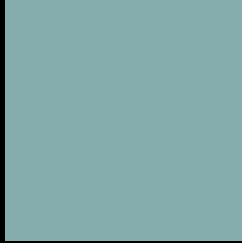
Large Text (above 18pt) WCAG AA × Fail

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, 13.741, 200.609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

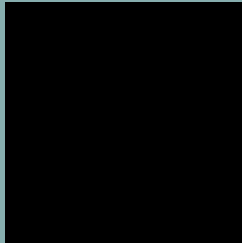
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

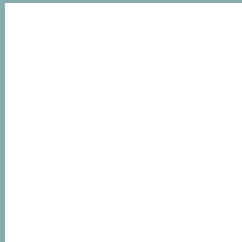
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 13.741, 200.609

Background



This preview shows how black text looks on a background with the CIELCh color 68, 13.741, 200.609.



This preview shows how white text looks on a background with the CIELCh color 68, 13.741, 200.609.

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](#).

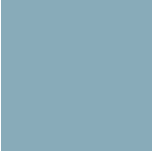
Dichromacy



Original Color
68, 13.741, 200.609

Protanopia
68, 2.998, 312.559

Deuteranopia
68, 10.711, 324.911



Tritanopia
68, 14.045, 232.096

Trichromacy



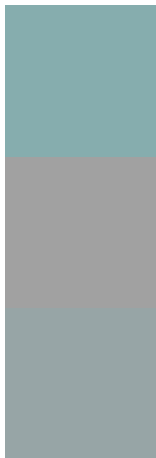
Original Color
68, 13.741, 200.609

Protanomaly
68, 4.894, 225.993

Deuteranomaly
68, 5.682, 275.770

Tritanomaly
68, 13.586, 219.980

Monochromacy



Original Color
68, 13.741, 200.609

Achromatopsia
66, 0.008, 296.813

Achromatomaly
67, 5.202, 205.163

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 13.741, 200.609 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(134, 173, 174)` looks like.

```
.text, #text, p{  
    color:rgb(134, 173, 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(134, 173, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 173, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 13.741, 200.609 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(134, 173, 174) }
```

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

```
.border{ border-color:rgb(134, 173, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 173, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 173, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 173, 174);  
box-shadow:4px 4px 4px 4px rgb(134, 173,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 13.741, 200.609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 173, 174) }
```

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

```
.background{ background-color: rgb(134,  
173, 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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