

Converting Colors

CIELCh(68, 8.336, 291.598)

Have a look what the booklet for
CIELCh(68, 8.336, 291.598) contains.

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Color

CIELCh(68, 8.840, 293.446)

Conversions

Conversions Part 1

Format	Color
Hex	A5A4B4
RGB	165, 164, 180
RGB Percent	65%, 64%, 71%
CMY	0.3520, 0.3559, 0.2931
CMYK	0.08, 0.09, 0.00, 0.29
HSL	244°, 10%, 68%
HSV	244°, 9%, 71%
XYZ	37.1534, 37.9720, 48.6871
YIQ	166.1230, -4.5400, 5.1880

Conversions

Conversions Part 2

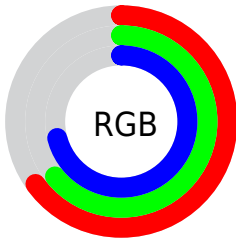
Format	Color
R_{YB}	165, 164, 180
Decimal	10855604
CIE Lab	68.00, 3.52, -8.11
CIE LCh	68, 8.840, 293.446
Yxy	37.9720, 0.3001, 0.3067
Android (android.graphics.Color)	4289045684 (0xFFA5A4B4)
YUV	166.1230, 6.8414, -0.9849
Hunter-Lab	61.6215, -0.2147, -3.7100

Details

The CIELCh color **68, 8.840, 293.446** is a light color, and the websafe version is hex **999999**. A complement of this color would be **73, 8.657, 111.872**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **88, 8.901, 293.157**, and **48, 8.878, 293.856** is the 20% darker color. If you saturate the color by 10%, you get **62, 19.167, 294.490**, and if you desaturate by 10%, it is **74, 1.086, 112.504**.

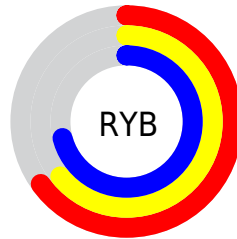
Distribution



Red (65%)

Green (64%)

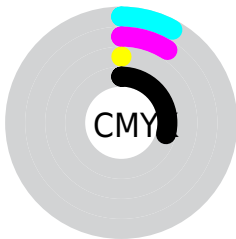
Blue (71%)



Red (65%)

Yellow (64%)

Blue (71%)

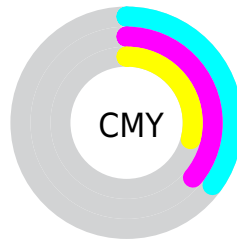


Cyan (8%)

Magenta (9%)

Yellow (0%)

Black (29%)



Cyan (35%)

Magenta (36%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 8.840, 293.446 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, 8.840, 293.446 by changing the saturation by 10% instead.

■ 68, 8.840, 293.446

■ 68, 8.840, 293.446

■ 100, 8.840,
293.446

■ 58, 8.840, 293.446

■ 88, 8.840, 293.446

■ 48, 8.840, 293.446

■ 98, 8.840, 293.446

■ 38, 8.840, 293.446

■ 28, 8.840, 293.446

■ 18, 8.840, 293.446

■ 8, 8.840, 293.446

■ 0, 8.840, 293.446

■ 68, 8.840, 293.446

■ 68, 8.840, 293.446

■ 62, 19.167,

■ 74, 1.086, 112.504

294.490

80, 10.634,
111.769

56, 29.926,
295.717

86, 19.834,
111.115

50, 41.132,
297.140

92, 28.710,
110.554

44, 52.762,
298.761

98, 37.283,
110.070

38, 64.697,
300.552

98, 37.520,
107.317

32, 76.589,
302.420

28, 87.661,
304.179

24, 96.566,
305.548

22, 102.242,
306.377

Harmonies

Complementary

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



68, 8.840, 293.446



73, 8.657, 111.872

Rectangle

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



68, 8.840, 293.446



68, 8.840, 343.446



68, 8.840, 113.446



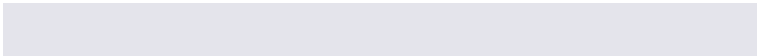
68, 8.840, 163.446

Sweetspot

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



68, 8.838, 293.441



91, 3.665, 292.909



72, 5.554, 203.552



48, 2.779, 292.977



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



68, 8.838, 293.441



85, 13.627, 293.668



69, 9.431, 311.159



35, 5.598, 293.483



17, 91.046, 306.518



1, 13.330, 292.074

Inverse Universe

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



69, 10.220, 326.631



86, 15.708, 326.766



72, 9.322, 130.435



35, 6.470, 326.657



36, 75.211, 330.840



3, 15.245, 327.085

Previews

White Background



This preview shows how the CIELCh color 68, 8.840, 293.446 looks on a white background.

Color Contrast Check

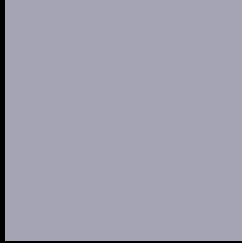
Large Text (above 18pt) WCAG AA × Fail

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, 8.840, 293.446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

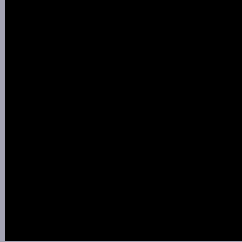
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 8.840, 293.446

Background



This preview shows how black text looks on a background with the CIELCh color 68, 8.840, 293.446.



This preview shows how white text looks on a background with the CIELCh color 68, 8.840, 293.446.

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, 8.840, 293.446

Protanopia

68, 8.269, 288.502

Deuteranopia

68, 12.238, 316.178



Tritanopia
68, 7.166, 290.915

Trichromacy



Original Color
68, 8.840, 293.446

Protanomaly
68, 8.269, 288.502

Deuteranomaly
68, 11.039, 308.614

Tritanomaly
68, 7.716, 290.970

Monochromacy



Original Color
68, 8.840, 293.446

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 3.338, 296.956

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 8.840, 293.446 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(165, 164, 180)` looks like.

```
.text, #text, p{  
    color:rgb(165, 164, 180)  
}
```

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(165, 164, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 164, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 8.840, 293.446 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(165, 164, 180) }
```

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

```
.border{ border-color:rgb(165, 164, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 164, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 164, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 164, 180);  
box-shadow:4px 4px 4px 4px rgb(165, 164,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 8.840, 293.446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 164, 180) }
```

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

```
.background{ background-color: rgb(165,  
164, 180) }
```

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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