

Converting Colors

CIELCh(68, 8.842, 283.990)

Have a look what the booklet for
CIELCh(68, 8.842, 283.990) contains.

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Color

CIELCh(68, 8.865, 284.043)

Conversions

Conversions Part 1

Format	Color
Hex	A2A5B5
RGB	162, 165, 181
RGB Percent	64%, 65%, 71%
CMY	0.3644, 0.3526, 0.2898
CMYK	0.10, 0.09, 0.00, 0.29
HSL	231°, 11%, 67%
HSV	231°, 10%, 71%
XYZ	36.7384, 37.9720, 49.1565
YIQ	165.9270, -6.9240, 4.3400

Conversions

Conversions Part 2

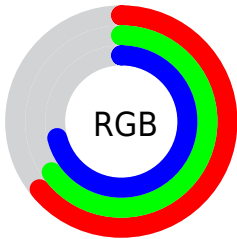
Format	Color
RYB	162, 165, 181
Decimal	10659253
CIELab	68.00, 2.15, -8.60
CIELCh	68, 8.865, 284.043
Yxy	37.9720, 0.2966, 0.3066
Android (android.graphics.Color)	4288849333 (0xFFA2A5B5)
YUV	165.9270, 7.4310, -3.4440
Hunter-Lab	61.6215, -1.4168, -4.1616

Details

The CIELCh color $68, 8.865, 284.043$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 8.729, 101.664$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 8.925, 284.234$, and $48, 8.904, 283.970$ is the 20% darker color. If you saturate the color by 10%, you get $63, 17.584, 285.380$, and if you desaturate by 10%, it is $73, 0.418, 283.164$.

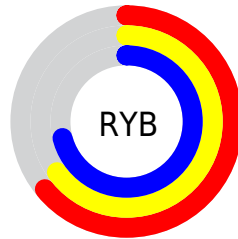
Distribution



Red (64%)

Green (65%)

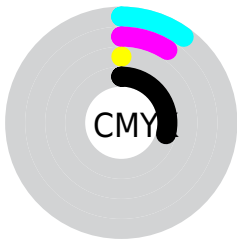
Blue (71%)



Red (64%)

Yellow (65%)

Blue (71%)

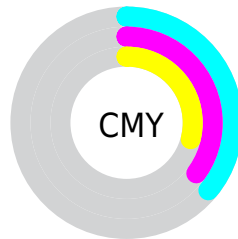


Cyan (10%)

Magenta (9%)

Yellow (0%)

Black (29%)



Cyan (36%)

Magenta (35%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 8.865, 284.043 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, 8.865, 284.043 by changing the saturation by 10% instead.

■ 68, 8.865, 284.043

■ 68, 8.865, 284.043

■ 100, 8.865,
284.043

■ 58, 8.865, 284.043

■ 88, 8.865, 284.043

■ 48, 8.865, 284.043

■ 98, 8.865, 284.043

■ 38, 8.865, 284.043

■ 28, 8.865, 284.043

■ 18, 8.865, 284.043

■ 8, 8.865, 284.043

■ 0, 8.865, 284.043

■ 68, 8.865, 284.043

■ 68, 8.865, 284.043

■ 63, 17.584,

■ 73, 0.418, 283.164

285.380

79, 7.772, 101.853

57, 26.603,
286.957

84, 15.722,
101.001

52, 35.947,
288.799

90, 23.445,
100.256

46, 45.642,
290.930

95, 30.953, 99.603

41, 55.691,
293.354

98, 37.110,
107.348

36, 66.025,
296.025

31, 76.401,
298.815

27, 86.241,
301.505

24, 94.258,
303.644

Harmonies

Complementary

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



68, 8.865, 284.043



72, 8.729, 101.664

Rectangle

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



68, 8.865, 284.043



68, 8.865, 334.043



68, 8.865, 104.043



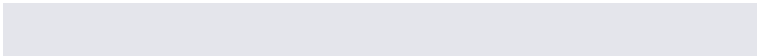
68, 8.865, 154.043

Sweetspot

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



68, 8.864, 284.036



91, 3.099, 283.193



72, 7.192, 184.998



48, 2.349, 283.273



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, 8.864, 284.036



84, 13.610, 284.381



68, 10.780, 303.629



36, 4.832, 283.896



20, 83.490, 303.378



2, 13.614, 285.165

Inverse Universe

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



68, 7.505, 7.389



85, 11.566, 7.676



73, 10.571, 122.493



36, 4.085, 7.269



32, 65.573, 31.682



2, 10.811, 9.889

Previews

White Background



This preview shows how the CIELCh color 68, 8.865, 284.043 looks on a white background.

Color Contrast Check

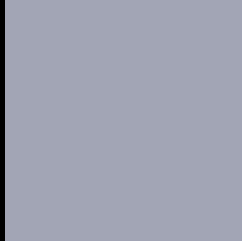
Large Text (above 18pt) WCAG AA × Fail

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, 8.865, 284.043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

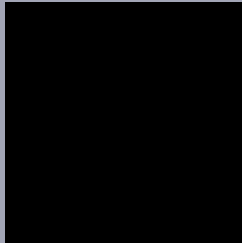
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 8.865, 284.043

Background



This preview shows how black text looks on a background with the CIELCh color 68, 8.865, 284.043.



This preview shows how white text looks on a background with the CIELCh color 68, 8.865, 284.043.

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, 8.865, 284.043

Protanopia

68, 8.819, 288.720

Deuteranopia

68, 12.591, 313.582



Tritanopia
68, 7.775, 282.898

Trichromacy



Original Color
68, 8.865, 284.043

Protanomaly
68, 8.835, 286.372

Deuteranomaly
68, 11.464, 306.049

Tritanomaly
68, 8.320, 283.505

Monochromacy



Original Color
68, 8.865, 284.043

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 2.777, 282.762

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 8.865, 284.043 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(162, 165, 181)` looks like.

```
.text, #text, p{  
    color:rgb(162, 165, 181)  
}
```

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(162, 165, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 165, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 8.865, 284.043 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(162, 165, 181) }
```

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

```
.border{ border-color:rgb(162, 165, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 165, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 165, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 165, 181);  
box-shadow:4px 4px 4px 4px rgb(162, 165,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 8.865, 284.043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 165, 181) }
```

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

```
.background{ background-color: rgb(162,  
165, 181) }
```

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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