

Converting Colors

CIELCh(68, 7.085, 290.741)

Have a look what the booklet for
CIELCh(68, 7.085, 290.741) contains.

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Color

CIELCh(68, 7.166, 290.915)

Conversions

Conversions Part 1

Format	Color
Hex	A5A5B2
RGB	165, 165, 178
RGB Percent	65%, 65%, 70%
CMY	0.3541, 0.3541, 0.3031
CMYK	0.07, 0.07, 0.00, 0.30
HSL	240°, 8%, 67%
HSV	240°, 7%, 70%
XYZ	36.8617, 37.9720, 47.3470
YIQ	166.4820, -4.1730, 4.0430

Conversions

Conversions Part 2

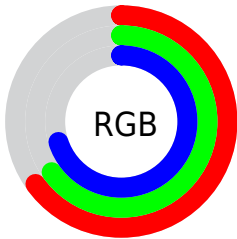
Format	Color
RYB	165, 165, 178
Decimal	10855858
CIELab	68.00, 2.56, -6.69
CIElCh	68, 7.166, 290.915
Yxy	37.9720, 0.3017, 0.3108
Android (android.graphics.Color)	4289045938 (0xFFA5A5B2)
YUV	166.4820, 5.6784, -1.2997
Hunter-Lab	61.6215, -1.0596, -2.4206

Details

The CIELCh color $68, 7.166, 290.915$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 7.039, 109.469$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $88, 7.316, 290.789$, and $48, 7.082, 291.129$ is the 20% darker color. If you saturate the color by 10%, you get $62, 17.293, 292.053$, and if you desaturate by 10%, it is $74, 2.568, 109.900$.

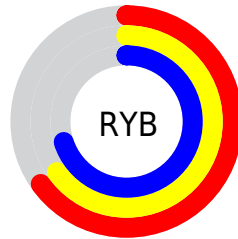
Distribution



Red (65%)

Green (65%)

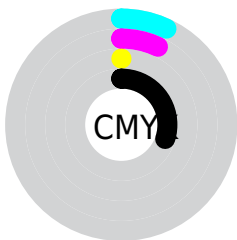
Blue (70%)



Red (65%)

Yellow (65%)

Blue (70%)

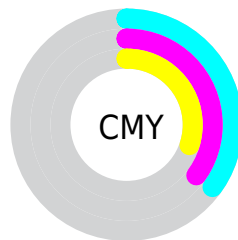


Cyan (7%)

Magenta (7%)

Yellow (0%)

Black (30%)



Cyan (35%)

Magenta (35%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 7.166, 290.915 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, 7.166, 290.915 by changing the saturation by 10% instead.

■ 68, 7.166, 290.915 ■ 68, 7.166, 290.915

■ 100, 7.166, 290.915 ■ 58, 7.166, 290.915

■ 88, 7.166, 290.915 ■ 48, 7.166, 290.915

■ 98, 7.166, 290.915 ■ 38, 7.166, 290.915

■ 28, 7.166, 290.915

■ 18, 7.166, 290.915

■ 8, 7.166, 290.915

■ 0, 7.166, 290.915

■ 68, 7.166, 290.915 ■ 68, 7.166, 290.915

■ 62, 17.293, ■ 74, 2.568, 109.900

292.053

80, 11.935,
109.087

56, 27.850,
293.407

86, 20.963,
108.380

50, 38.862,
294.991

92, 29.675,
107.773

44, 50.327,
296.821

98, 38.094,
107.250

38, 62.166,
298.874

98, 38.775,
107.220

32, 74.090,
301.060

27, 85.385,
303.183

24, 94.709,
304.932

21, 100.657,
306.032

Harmonies

Complementary

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



68, 7.166, 290.915



72, 7.039, 109.469

Rectangle

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



68, 7.166, 290.915



68, 7.166, 340.915



68, 7.166, 110.915



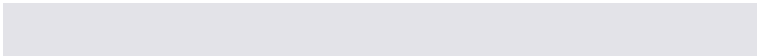
68, 7.166, 160.915

Sweetspot

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



68, 7.164, 290.908



91, 2.416, 290.394



71, 4.778, 197.695



48, 1.385, 290.385



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, 7.164, 290.908



85, 10.990, 291.104



69, 7.557, 308.795



34, 5.589, 291.122



17, 91.379, 306.284



1, 13.315, 290.171

Inverse Universe

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



69, 4.993, 19.736



86, 7.688, 19.882



72, 7.470, 128.177



35, 3.911, 19.895



31, 70.922, 39.518



2, 9.156, 19.391

Previews

White Background



This preview shows how the CIELCh color 68, 7.166, 290.915 looks on a white background.

Color Contrast Check

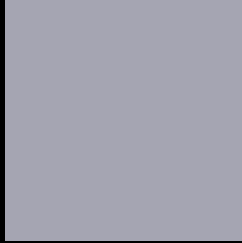
Large Text (above 18pt) WCAG AA × Fail

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, 7.166, 290.915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

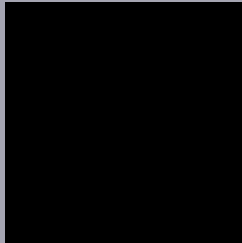
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

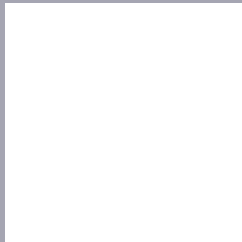
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 68, 7.166, 290.915

Background



This preview shows how black text looks on a background with the CIELCh color 68, 7.166, 290.915.

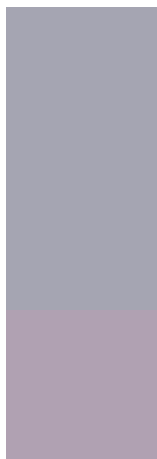


This preview shows how white text looks on a background with the CIELCh color 68, 7.166, 290.915.

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, 7.166, 290.915

Protanopia

68, 7.166, 290.915

Deuteranopia

68, 10.960, 321.644



Tritanopia
68, 7.166, 290.915

Trichromacy



Original Color
68, 7.166, 290.915

Protanomaly
68, 7.166, 290.915

Deuteranomaly
68, 9.618, 313.666

Tritanomaly
68, 7.166, 290.915

Monochromacy



Original Color
68, 7.166, 290.915

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 2.208, 290.428

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 7.166, 290.915 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, 165, 178)` looks like.

```
.text, #text, p{  
    color:rgb(165, 165, 178)  
}
```

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, 165, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 165, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 7.166, 290.915 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, 165, 178) }
```

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

```
.border{ border-color:rgb(165, 165, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 165, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 165, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 165, 178);  
box-shadow:4px 4px 4px 4px rgb(165, 165,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 7.166, 290.915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 165, 178) }
```

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

```
.background{ background-color: rgb(165,  
165, 178) }
```

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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