

Converting Colors

CIELCh(69, 5.333, 282.478)

Have a look what the booklet for
CIELCh(69, 5.333, 282.478) contains.

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Color

CIELCh(69, 5.533, 283.115)

Conversions

Conversions Part 1

Format	Color
Hex	A6A8B2
RGB	166, 168, 178
RGB Percent	65%, 66%, 70%
CMY	0.3489, 0.3410, 0.3018
CMYK	0.07, 0.06, 0.00, 0.30
HSL	230°, 7%, 67%
HSV	230°, 7%, 70%
XYZ	37.7814, 39.3444, 47.7408
YIQ	168.5420, -4.4020, 2.6860

Conversions

Conversions Part 2

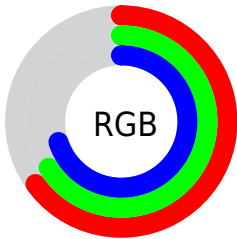
Format	Color
RYB	166, 168, 178
Decimal	10922162
CIELab	69.00, 1.26, -5.39
CIElCh	69, 5.533, 283.115
Yxy	39.3444, 0.3026, 0.3151
Android (android.graphics.Color)	4289112242 (0xFFA6A8B2)
YUV	168.5420, 4.6628, -2.2293
Hunter-Lab	62.7251, -2.2525, -1.2188

Details

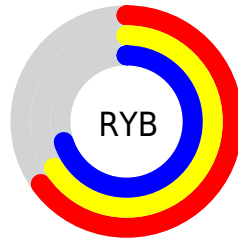
The CIELCh color **69, 5.533, 283.115** is a light color, and the websafe version is hex **999999**. A complement of this color would be **72, 5.471, 101.569**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 5.767, 283.691**, and **49, 5.333, 282.478** is the 20% darker color. If you saturate the color by 10%, you get **64, 13.941, 284.370**, and if you desaturate by 10%, it is **74, 2.622, 101.932**.

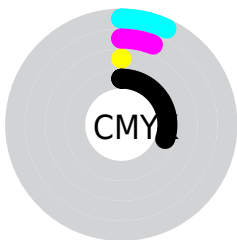
Distribution



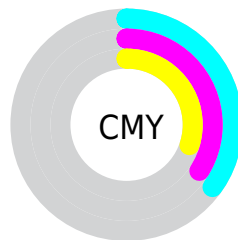
- Red (65%)
- Green (66%)
- Blue (70%)



- Red (65%)
- Yellow (66%)
- Blue (70%)



- Cyan (7%)
- Magenta (6%)
- Yellow (0%)
- Black (30%)



- Cyan (35%)
- Magenta (34%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 5.533, 283.115 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 69, 5.533, 283.115 by changing the saturation by 10% instead.

■ 69, 5.533, 283.115

■ 69, 5.533, 283.115

■ 100, 5.533,
283.115

■ 59, 5.533, 283.115

■ 89, 5.533, 283.115

■ 49, 5.533, 283.115

■ 99, 5.533, 283.115

■ 39, 5.533, 283.115

■ 29, 5.533, 283.115

■ 19, 5.533, 283.115

■ 9, 5.533, 283.115

■ 0, 5.533, 283.115

■ 69, 5.533, 283.115

■ 69, 5.533, 283.115

■ 64, 13.941,

■ 74, 2.622, 101.932

284.370

80, 10.536,
101.020

58, 22.626,
285.863

85, 18.226,
100.204

53, 31.613,
287.609

90, 25.701, 99.489

48, 40.927,
289.638

95, 32.971, 98.898

42, 50.586,
291.965

98, 38.610,
107.233

37, 60.566,
294.569

33, 70.725,
297.362

28, 80.674,
300.164

25, 89.651,
302.700

Harmonies

Complementary

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



69, 5.533, 283.115



72, 5.471, 101.569

Rectangle

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



69, 5.533, 283.115



69, 5.533, 333.115



69, 5.533, 103.115



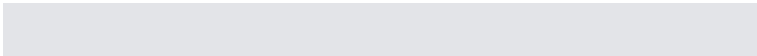
69, 5.533, 153.115

Sweetspot

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



69, 5.532, 283.103



91, 2.029, 282.619



72, 4.611, 184.051



49, 1.163, 282.611



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



69, 5.532, 283.103



87, 8.158, 283.266



69, 6.772, 302.796



35, 4.674, 283.409



20, 81.697, 303.094



1, 11.645, 284.363

Inverse Universe

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



69, 4.717, 6.304



87, 6.971, 6.453



72, 6.677, 122.067



35, 4.000, 6.577



31, 64.357, 30.992



2, 9.338, 8.815

Previews

White Background



This preview shows how the CIELCh color 69, 5.533, 283.115 looks on a white background.

Color Contrast Check

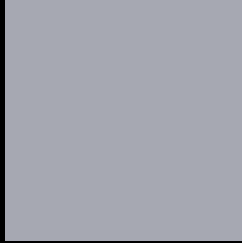
Large Text (above 18pt) WCAG AA × Fail

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 69, 5.533, 283.115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

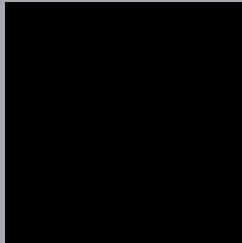
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 5.533, 283.115

Background



This preview shows how black text looks on a background with the CIELCh color 69, 5.533, 283.115.



This preview shows how white text looks on a background with the CIELCh color 69, 5.533, 283.115.

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

69, 5.533, 283.115

Protanopia

69, 6.106, 297.730

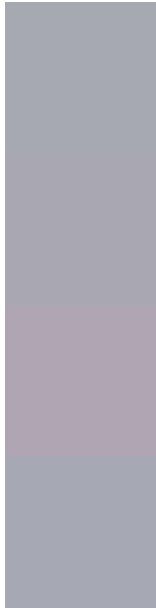
Deuteranopia

69, 10.890, 326.561



Tritanopia
69, 7.167, 285.068

Trichromacy



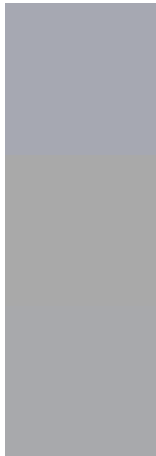
Original Color
69, 5.533, 283.115

Protanomaly
69, 6.067, 294.275

Deuteranomaly
69, 8.588, 316.487

Tritanomaly
69, 6.622, 284.515

Monochromacy



Original Color
69, 5.533, 283.115

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 1.689, 277.598

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 5.533, 283.115 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(166, 168, 178)` looks like.

```
.text, #text, p{  
    color:rgb(166, 168, 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(166, 168, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 168, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 5.533, 283.115 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(166, 168, 178) }
```

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

```
.border{ border-color:rgb(166, 168, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 168, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 168, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 168, 178);  
box-shadow:4px 4px 4px 4px rgb(166, 168,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 5.533, 283.115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 168, 178) }
```

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

```
.background{ background-color: rgb(166,  
168, 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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