

Converting Colors

CIELCh(69, 6.346, 294.384)

Have a look what the booklet for
CIELCh(69, 6.346, 294.384) contains.

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Color

CIELCh(69, 6.616, 294.033)

Conversions

Conversions Part 1

Format	Color
Hex	A8A7B3
RGB	168, 167, 179
RGB Percent	66%, 65%, 70%
CMY	0.3402, 0.3441, 0.2971
CMYK	0.06, 0.07, 0.00, 0.30
HSL	245°, 7%, 68%
HSV	245°, 7%, 70%
XYZ	38.2268, 39.3444, 48.3598
YIQ	168.6670, -3.2560, 3.9440

Conversions

Conversions Part 2

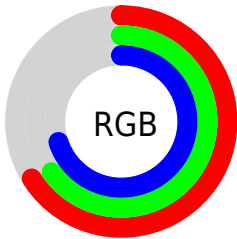
Format	Color
RYB	168, 167, 179
Decimal	11052979
CIELab	69.00, 2.69, -6.04
CIELCh	69, 6.616, 294.033
Yxy	39.3444, 0.3036, 0.3124
Android (android.graphics.Color)	4289243059 (0xFFA8A7B3)
YUV	168.6670, 5.0942, -0.5850
Hunter-Lab	62.7251, -0.9850, -1.8038

Details

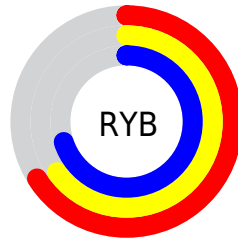
The CIELCh color $69, 6.616, 294.033$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 6.506, 112.895$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 6.797, 293.692$, and $49, 6.490, 294.480$ is the 20% darker color. If you saturate the color by 10%, you get $63, 16.813, 294.999$, and if you desaturate by 10%, it is $75, 3.189, 113.177$.

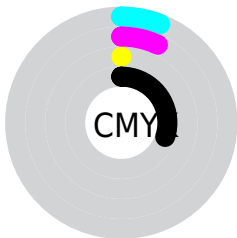
Distribution



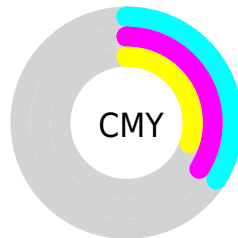
- Red (66%)
- Green (65%)
- Blue (70%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 6.616, 294.033 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, 6.616, 294.033 by changing the saturation by 10% instead.

■ 69, 6.616, 294.033

■ 69, 6.616, 294.033

■ 100, 6.616,
294.033

■ 59, 6.616, 294.033

■ 89, 6.616, 294.033

■ 49, 6.616, 294.033

■ 99, 6.616, 294.033

■ 39, 6.616, 294.033

■ 29, 6.616, 294.033

■ 19, 6.616, 294.033

■ 9, 6.616, 294.033

■ 0, 6.616, 294.033

■ 69, 6.616, 294.033

■ 69, 6.616, 294.033

■ 63, 16.813,

■ 75, 3.189, 113.177

294.999

81, 12.626,
112.470

57, 27.431,
296.136

87, 21.721,
111.859

51, 38.487,
297.455

93, 30.498,
111.335

45, 49.965,
298.959

98, 38.064,
109.936

39, 61.769,
300.628

98, 38.014,
107.279

33, 73.618,
302.389

29, 84.859,
304.087

25, 94.304,
305.471

22, 100.558,
306.295

Harmonies

Complementary

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



69, 6.616, 294.033



73, 6.506, 112.895

Rectangle

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



69, 6.616, 294.033



69, 6.616, 344.033



69, 6.616, 114.033



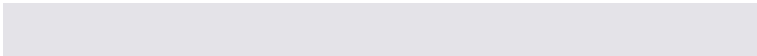
69, 6.616, 164.033

Sweetspot

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



69, 6.614, 294.025



91, 2.423, 293.630



72, 4.127, 205.259



49, 1.389, 293.622



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, 6.614, 294.025



86, 9.775, 294.156



69, 7.087, 311.623



35, 5.603, 294.266



17, 90.926, 306.601



1, 13.338, 292.704

Inverse Universe

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



70, 7.553, 327.110



87, 11.143, 327.198



72, 7.021, 131.103



35, 6.378, 327.268



35, 74.012, 331.788



2, 14.927, 328.008

Previews

White Background



This preview shows how the CIELCh color 69, 6.616, 294.033 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, 6.616, 294.033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

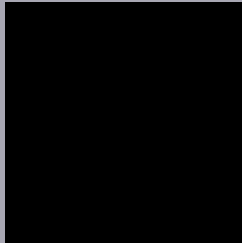
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

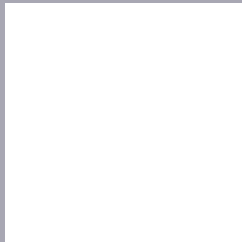
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 6.616, 294.033

Background



This preview shows how black text looks on a background with the CIELCh color 69, 6.616, 294.033.

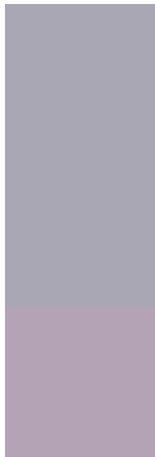


This preview shows how white text looks on a background with the CIELCh color 69, 6.616, 294.033.

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, 6.616, 294.033

Protanopia

69, 6.616, 294.033

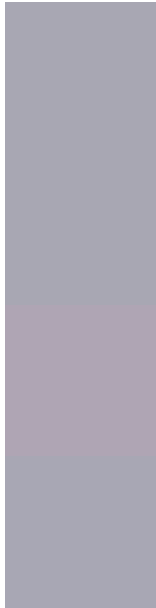
Deuteranopia

69, 11.132, 323.313



Tritanopia
69, 7.164, 293.836

Trichromacy



Original Color
69, 6.616, 294.033

Protanomaly
69, 6.616, 294.033

Deuteranomaly
69, 9.084, 314.993

Tritanomaly
69, 7.164, 293.836

Monochromacy



Original Color
69, 6.616, 294.033

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 2.782, 298.183

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 6.616, 294.033 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(168, 167, 179)` looks like.

```
.text, #text, p{  
    color:rgb(168, 167, 179)  
}
```

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(168, 167, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 167, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 6.616, 294.033 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(168, 167, 179) }
```

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

```
.border{ border-color:rgb(168, 167, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 167, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 167, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 167, 179);  
box-shadow:4px 4px 4px 4px rgb(168, 167,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 6.616, 294.033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 167, 179) }
```

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

```
.background{ background-color: rgb(168,  
167, 179) }
```

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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