

Converting Colors

CIELCh(69, 6.276, 313.851)

Have a look what the booklet for
CIELCh(69, 6.276, 313.851) contains.

CIELCh(69, 6.617, 313.915)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(69, 6.617, 313.915)

Conversions

Conversions Part 1

Format	Color
Hex	ADA6B1
RGB	173, 166, 177
RGB Percent	68%, 65%, 69%
CMY	0.3215, 0.3489, 0.3058
CMYK	0.02, 0.06, 0.00, 0.31
HSL	278°, 7%, 67%
HSV	278°, 6%, 69%
XYZ	38.8187, 39.3444, 47.1569
YIQ	169.3470, 0.6410, 4.9050

Conversions

Conversions Part 2

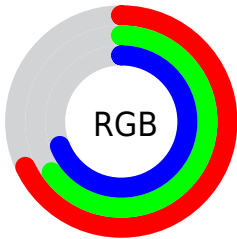
Format	Color
R_{YB}	173, 166, 177
Decimal	11380401
CIE _{Lab}	69.00, 4.59, -4.77
CIE _{LCh}	69, 6.617, 313.915
Yxy	39.3444, 0.3098, 0.3140
Android (android.graphics.Color)	4289570481 (0xFFADA6B1)
YUV	169.3470, 3.7729, 3.2037
Hunter-Lab	62.7251, 0.6993, -0.6668

Details

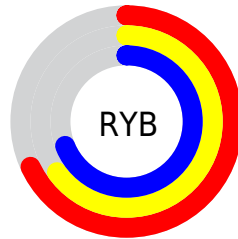
The CIELCh color **69, 6.617, 313.915** is a light color, and the websafe version is hex **999999**. A complement of this color would be **71, 6.564, 133.450**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 6.762, 312.116**, and **49, 6.535, 316.036** is the 20% darker color. If you saturate the color by 10%, you get **64, 17.457, 314.351**, and if you desaturate by 10%, it is **74, 3.967, 133.573**.

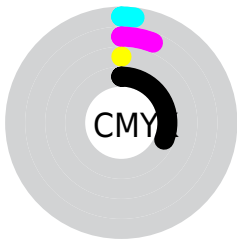
Distribution



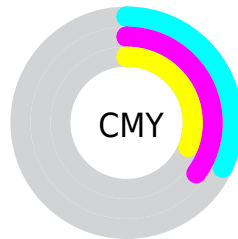
- Red (68%)
- Green (65%)
- Blue (69%)



- Red (68%)
- Yellow (65%)
- Blue (69%)



- Cyan (2%)
- Magenta (6%)
- Yellow (0%)
- Black (31%)



- Cyan (32%)
- Magenta (35%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 6.617, 313.915 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 69, 6.617, 313.915 by changing the saturation by 10% instead.

■ 69, 6.617, 313.915

■ 69, 6.617, 313.915

■ 100, 6.617,
313.915

■ 59, 6.617, 313.915

■ 89, 6.617, 313.915

■ 49, 6.617, 313.915

■ 99, 6.617, 313.915

■ 39, 6.617, 313.915

■ 29, 6.617, 313.915

■ 19, 6.617, 313.915

■ 9, 6.617, 313.915

■ 0, 6.617, 313.915

■ 69, 6.617, 313.915

■ 69, 6.617, 313.915

■ 64, 17.457,

■ 74, 3.967, 133.573

314.351

79, 14.259,
133.178

59, 28.501,
314.795

85, 24.254,
132.838

54, 39.640,
315.239

90, 33.951,
132.533

49, 50.695,
315.660

95, 43.358,
132.261

45, 61.386,
316.021

95, 42.624,
129.582

40, 71.298,
316.273

96, 41.722,
126.665

37, 79.886,
316.348

96, 40.932,
123.578

34, 86.537,
316.168

97, 40.268,
120.334

32, 90.821,
315.674

Harmonies

Complementary

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



69, 6.617, 313.915



71, 6.564, 133.450

Rectangle

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



69, 6.617, 313.915



69, 6.617, 3.915



69, 6.617, 133.915



69, 6.617, 183.915

Sweetspot

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



69, 6.615, 313.912



90, 2.623, 313.696



70, 4.077, 269.217



48, 1.490, 313.688



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



69, 6.615, 313.912



87, 9.215, 313.952



69, 6.697, 328.628



36, 4.864, 313.968



26, 82.713, 315.585



2, 14.223, 309.980

Inverse Universe

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



69, 4.734, 352.170



87, 6.597, 352.266



71, 6.678, 147.974



36, 3.483, 352.302



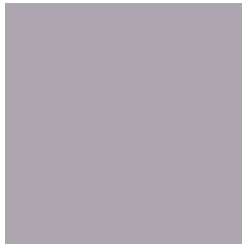
32, 58.267, 14.287



2, 9.937, 357.295

Previews

White Background



This preview shows how the CIELCh color 69, 6.617, 313.915 looks on a white background.

Color Contrast Check

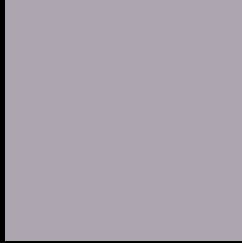
Large Text (above 18pt) WCAG AA × Fail

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 69, 6.617, 313.915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

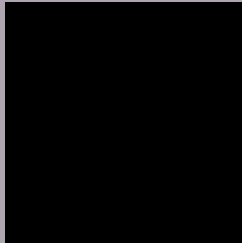
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

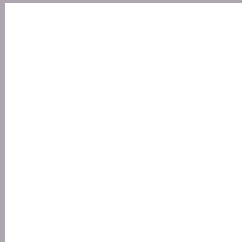
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 69, 6.617, 313.915

Background



This preview shows how black text looks on a background with the CIELCh color 69, 6.617, 313.915.



This preview shows how white text looks on a background with the CIELCh color 69, 6.617, 313.915.

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


69, 6.617, 313.915

Protanopia

69, 6.106, 297.730

Deuteranopia

69, 10.688, 329.960



Tritanopia
69, 7.637, 310.693

Trichromacy



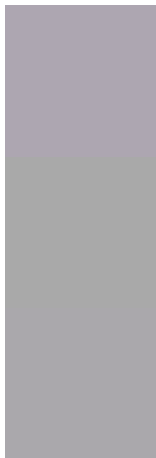
Original Color
69, 6.617, 313.915

Protanomaly
69, 6.166, 301.139

Deuteranomaly
69, 9.346, 324.842

Tritanomaly
69, 7.124, 312.185

Monochromacy



Original Color
69, 6.617, 313.915

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 2.336, 309.123

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 6.617, 313.915 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(173, 166, 177)` looks like.

```
.text, #text, p{  
    color:rgb(173, 166, 177)  
}
```

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(173, 166, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 166, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 6.617, 313.915 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(173, 166, 177) }
```

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

```
.border{ border-color:rgb(173, 166, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 166, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 166, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 166, 177);  
box-shadow:4px 4px 4px 4px rgb(173, 166,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 6.617, 313.915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 166, 177) }
```

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

```
.background{ background-color: rgb(173,  
166, 177) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor