

Converting Colors

CIELCh(69, 8.813, 309.426)

Have a look what the booklet for
CIELCh(69, 8.813, 309.426) contains.

CIELCh(69, 8.676, 308.261)	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, 8.676, 308.261)

Conversions

Conversions Part 1

Format	Color
Hex	ADA6B5
RGB	173, 166, 181
RGB Percent	68%, 65%, 71%
CMY	0.3227, 0.3501, 0.2913
CMYK	0.04, 0.08, 0.00, 0.29
HSL	268°, 9%, 68%
HSV	268°, 8%, 71%
XYZ	39.0650, 39.3444, 49.0954
YIQ	169.8030, -0.6430, 6.1490

Conversions

Conversions Part 2

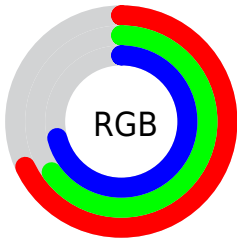
Format	Color
RYB	173, 166, 181
Decimal	11380405
CIELab	69.00, 5.37, -6.81
CIELCh	69, 8.676, 308.261
Yxy	39.3444, 0.3064, 0.3086
Android (android.graphics.Color)	4289570485 (0xFFADA6B5)
YUV	169.8030, 5.5201, 2.8038
Hunter-Lab	62.7251, 1.4003, -2.4992

Details

The CIELCh color $69, 8.676, 308.261$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $73, 8.561, 127.531$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 8.732, 307.165$, and $49, 8.713, 309.531$ is the 20% darker color. If you saturate the color by 10%, you get $63, 19.406, 308.762$, and if you desaturate by 10%, it is $75, 1.743, 127.875$.

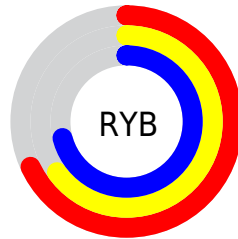
Distribution



Red (68%)

Green (65%)

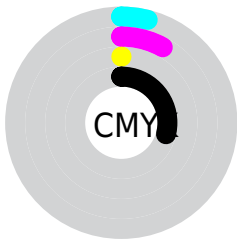
Blue (71%)



Red (68%)

Yellow (65%)

Blue (71%)

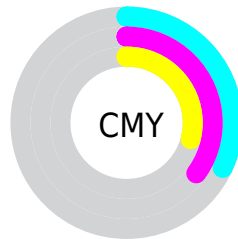


Cyan (4%)

Magenta (8%)

Yellow (0%)

Black (29%)



Cyan (32%)

Magenta (35%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 69, 8.676, 308.261 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, 8.676, 308.261 by changing the saturation by 10% instead.

■ 69, 8.676, 308.261

■ 69, 8.676, 308.261

■ 100, 8.676,
308.261

■ 59, 8.676, 308.261

■ 89, 8.676, 308.261

■ 49, 8.676, 308.261

■ 99, 8.676, 308.261

■ 39, 8.676, 308.261

■ 29, 8.676, 308.261

■ 19, 8.676, 308.261

■ 9, 8.676, 308.261

■ 0, 8.676, 308.261

■ 69, 8.676, 308.261

■ 69, 8.676, 308.261

■ 63, 19.406,

■ 75, 1.743, 127.875

308.762

80, 11.836,
127.424

58, 30.423,
309.305

85, 21.610,
127.065

53, 41.654,
309.877

91, 31.076,
126.751

47, 52.960,
310.455

96, 39.636,
126.211

42, 64.094,
311.001

97, 38.546,
121.254

38, 74.643,
311.450

97, 37.774,
115.948

34, 83.987,
311.709

98, 37.360,
110.383

30, 91.338,
311.659

98, 37.296,
107.334

28, 96.252,
311.246

Harmonies

Complementary

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



69, 8.676, 308.261



73, 8.561, 127.531

Rectangle

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



69, 8.676, 308.261



69, 8.676, 358.261



69, 8.676, 128.261



69, 8.676, 178.261

Sweetspot

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



69, 8.674, 308.258



92, 2.568, 307.934



71, 4.715, 250.891



49, 1.459, 307.927



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, 8.674, 308.258



86, 12.960, 308.350



70, 9.829, 323.498



35, 5.870, 308.308



22, 85.694, 311.327



1, 13.769, 304.157

Inverse Universe

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



69, 7.191, 342.502



87, 10.738, 342.667



72, 9.805, 142.676



35, 4.865, 342.592



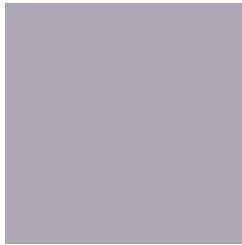
33, 58.396, 358.236



2, 10.817, 347.993

Previews

White Background



This preview shows how the CIELCh color 69, 8.676, 308.261 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 CIELCh color 69, 8.676, 308.261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

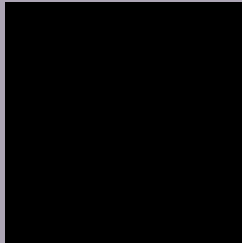
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 69, 8.676, 308.261

Background



This preview shows how black text looks on a background with the CIELCh color 69, 8.676, 308.261.



This preview shows how white text looks on a background with the CIELCh color 69, 8.676, 308.261.

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, 8.676, 308.261

Protanopia

69, 8.248, 291.015

Deuteranopia

69, 10.925, 321.637



Tritanopia
69, 7.516, 308.031

Trichromacy



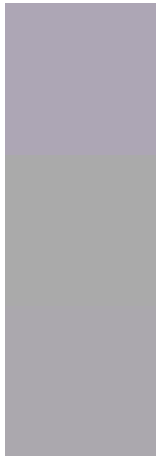
Original Color
69, 8.676, 308.261

Protanomaly
69, 8.291, 296.063

Deuteranomaly
69, 9.899, 317.648

Tritanomaly
69, 8.042, 306.894

Monochromacy



Original Color
69, 8.676, 308.261

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 3.499, 309.186

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 69, 8.676, 308.261 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(173, 166, 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(173, 166, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 166, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 69, 8.676, 308.261 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, 181) }
```

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

```
.border{ border-color:rgb(173, 166, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 166, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 166, 181);  
box-shadow:4px 4px 4px 4px rgb(173, 166,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 69, 8.676, 308.261 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, 181) }
```

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

```
.background{ background-color: rgb(173,  
166, 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](#).

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