

Converting Colors

CIELCh(67, 10.641, 313.983)

Have a look what the booklet for
CIELCh(67, 10.641, 313.983)
contains.

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Color

CIELCh(67, 10.810, 313.260)

Conversions

Conversions Part 1

Format	Color
Hex	AA9FB1
RGB	170, 159, 177
RGB Percent	67%, 62%, 69%
CMY	0.3324, 0.3755, 0.3050
CMYK	0.04, 0.10, 0.00, 0.30
HSL	277°, 10%, 66%
HSV	277°, 10%, 70%
XYZ	37.0256, 36.6320, 46.8374
YIQ	164.3410, 0.7780, 7.9300

Conversions

Conversions Part 2

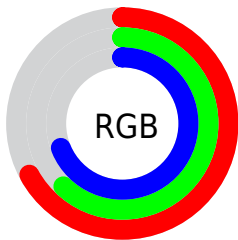
Format	Color
RYB	170, 159, 177
Decimal	11182001
CIELab	67.00, 7.41, -7.87
CIELCh	67, 10.810, 313.260
Yxy	36.6320, 0.3073, 0.3040
Android (android.graphics.Color)	4289372081 (0xFFAA9FB1)
YUV	164.3410, 6.2409, 4.9629
Hunter-Lab	60.5244, 3.2793, -3.5151

Details

The CIELCh color $67, 10.810, 313.260$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $71, 10.690, 132.441$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 10.734, 312.108$, and $47, 10.316, 313.820$ is the 20% darker color. If you saturate the color by 10%, you get $62, 21.695, 313.703$, and if you desaturate by 10%, it is $72, 0.173, 312.045$.

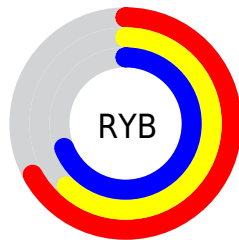
Distribution



Red (67%)

Green (62%)

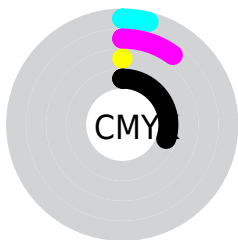
Blue (69%)



Red (67%)

Yellow (62%)

Blue (69%)

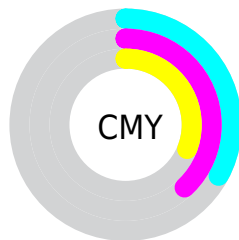


Cyan (4%)

Magenta (10%)

Yellow (0%)

Black (30%)



Cyan (33%)


Magenta (38%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 10.810, 313.260 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 67, 10.810, 313.260 by changing the saturation by 10% instead.


 67, 10.810,
313.260


 67, 10.810,
313.260


 100, 10.810,
313.260


 57, 10.810,
313.260


 87, 10.810,
313.260

 47, 10.810,
313.260


 97, 10.810,
313.260

 37, 10.810,
313.260

 27, 10.810,
313.260

 17, 10.810,
313.260

 7, 10.810, 313.260

 0, 10.810, 313.260

67, 10.810,
313.260

67, 10.810,
313.260

62, 21.695,
313.703

72, 0.173, 312.045

57, 32.766,
314.158

77, 10.177,
132.492

52, 43.896,
314.608

83, 20.227,
132.139

47, 54.880,
315.027

88, 29.977,
131.824

43, 65.395,
315.372

93, 39.435,
131.544

39, 74.977,
315.583

95, 42.538,
129.667

35, 83.027,
315.586

96, 41.573,
126.535

32, 88.927,

96, 40.739,
123.207

315.295

97, 40.051,
119.700

30, 92.735,
314.748

Harmonies

Complementary

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



67, 10.810, 313.260



71, 10.690, 132.441

Rectangle

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



67, 10.810, 313.260



67, 10.810, 3.260



67, 10.810, 133.260



67, 10.810, 183.260

Sweetspot

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



67, 10.808, 313.258



89, 3.910, 312.932



68, 6.453, 266.805



47, 2.962, 312.973



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



67, 10.808, 313.258



83, 15.794, 313.348



68, 11.245, 327.828



35, 6.056, 313.222



26, 83.132, 314.873



2, 14.140, 309.062

Inverse Universe

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



67, 7.913, 350.971



84, 11.572, 351.179



71, 11.222, 146.678



35, 4.432, 350.887



32, 57.944, 11.889



2, 10.040, 355.933

Previews

White Background



This preview shows how the CIELCh color 67, 10.810, 313.260 looks on a white background.

Color Contrast Check

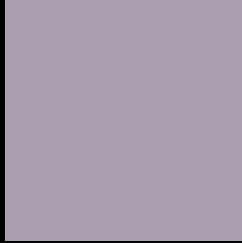
Large Text (above 18pt) WCAG AA × Fail

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 67, 10.810, 313.260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

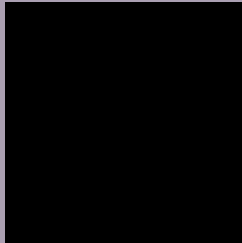
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 10.810, 313.260

Background



This preview shows how black text looks on a background with the CIELCh color 67, 10.810, 313.260.



This preview shows how white text looks on a background with the CIELCh color 67, 10.810, 313.260.

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

67, 10.810, 313.260

Protanopia

67, 9.400, 288.937

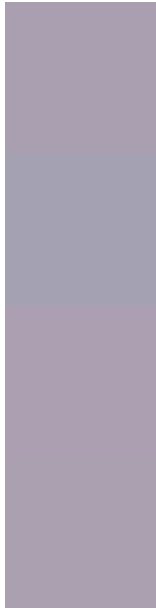
Deuteranopia

67, 11.114, 316.840



Tritanopia
67, 8.143, 318.180

Trichromacy



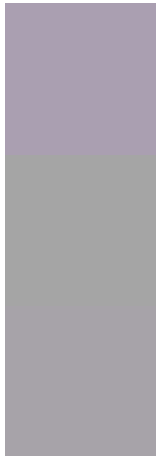
Original Color
67, 10.810, 313.260

Protanomaly
67, 9.488, 297.788

Deuteranomaly
67, 10.957, 315.072

Tritanomaly
67, 9.134, 315.002

Monochromacy



Original Color
67, 10.810, 313.260

Achromatopsia
68, 0.008, 296.813

Achromatomaly
67, 3.660, 314.771

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 10.810, 313.260 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(170, 159, 177)` looks like.

```
.text, #text, p{  
    color:rgb(170, 159, 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(170, 159, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 159, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 10.810, 313.260 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(170, 159, 177) }
```

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

```
.border{ border-color:rgb(170, 159, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 159, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 159, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 159, 177);  
box-shadow:4px 4px 4px 4px rgb(170, 159,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 10.810, 313.260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 159, 177) }
```

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

```
.background{ background-color: rgb(170,  
159, 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](#).

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