

Converting Colors

CIELCh(67, 28.483, 281.958)

Have a look what the booklet for
CIELCh(67, 28.483, 281.958)
contains.

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Color

CIELCh(67, 28.513, 281.989)

Conversions

Conversions Part 1

Format	Color
Hex	91A2D5
RGB	145, 162, 213
RGB Percent	57%, 64%, 84%
CMY	0.4316, 0.3649, 0.1650
CMYK	0.32, 0.24, 0.00, 0.16
HSL	225°, 45%, 70%
HSV	225°, 32%, 84%
XYZ	36.5756, 36.6320, 68.0482
YIQ	162.7310, -26.5030, 12.2570

Conversions

Conversions Part 2

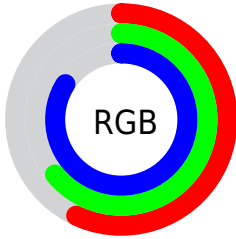
Format	Color
RYB	145, 159, 213
Decimal	9544405
CIELab	67.00, 5.92, -27.89
CIElCh	67, 28.513, 281.989
Yxy	36.6320, 0.2589, 0.2593
Android (android.graphics.Color)	4287734485 (0xFF91A2D5)
YUV	162.7310, 24.7826, -15.5501
Hunter-Lab	60.5244, 1.9522, -24.2933

Details

The CIELCh color `67, 28.513, 281.989` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `79, 27.861, 93.323`, and the grayscale version is `67, 0.008, 296.813`.

A 20% lighter version of the original color is `87, 20.518, 276.125`, and `47, 28.199, 281.332` is the 20% darker color. If you saturate the color by 10%, you get `61, 37.953, 284.028`, and if you desaturate by 10%, it is `73, 19.332, 280.243`.

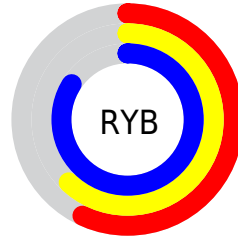
Distribution



Red (57%)

Green (64%)

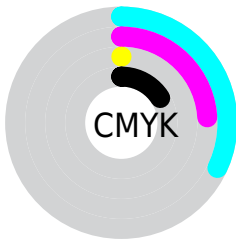
Blue (84%)



Red (57%)

Yellow (62%)

Blue (84%)

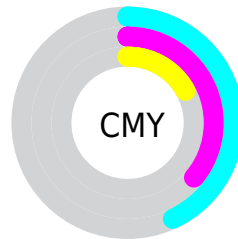


Cyan (32%)

Magenta (24%)

Yellow (0%)

Black (16%)



Cyan (43%)

Magenta (36%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 28.513, 281.989 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, 28.513, 281.989 by changing the saturation by 10% instead.

■ 67, 28.513,
281.989

■ 67, 28.513,
281.989

■ 100, 28.513,
281.989

■ 57, 28.513,
281.989

■ 87, 28.513,
281.989

■ 47, 28.513,
281.989

■ 97, 28.513,
281.989

■ 37, 28.513,
281.989

■ 27, 28.513,
281.989

■ 17, 28.513,
281.989

■ 7, 28.513, 281.989

■ 0, 28.513, 281.989

67, 28.513,
281.989

67, 28.513,
281.989

61, 37.953,
284.028

73, 19.332,
280.243

56, 47.688,
286.394

78, 10.391,
278.756

50, 57.743,
289.099

84, 1.671, 277.571

45, 68.115,
292.108

90, 6.840, 96.320

40, 78.700,
295.316

95, 15.150, 95.378

36, 89.172,
298.527

99, 21.256,
108.568

33, 97.136,
300.888

Harmonies

Complementary

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



67, 28.513, 281.989



79, 27.861, 93.323

Rectangle

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



67, 28.513, 281.989



67, 28.513, 331.989



67, 28.513, 101.989



67, 28.513, 151.989

Sweetspot

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



67, 28.512, 281.988



93, 10.058, 278.509



80, 25.387, 175.169



49, 6.873, 278.700



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



67, 28.512, 281.988



75, 39.616, 283.269



64, 38.468, 301.787



42, 4.952, 278.420



26, 81.248, 300.428



4, 22.885, 287.512

Inverse Universe

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



67, 28.119, 3.159



76, 39.087, 4.187



83, 35.870, 117.208



42, 4.795, 0.348



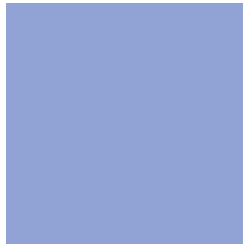
36, 66.552, 25.109



5, 22.145, 8.651

Previews

White Background



This preview shows how the CIELCh color 67, 28.513, 281.989 looks on a white background.

Color Contrast Check

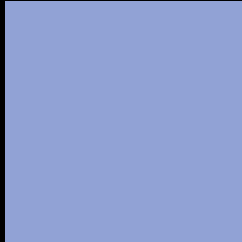
Large Text (above 18pt) WCAG AA × Fail

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, 28.513, 281.989 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

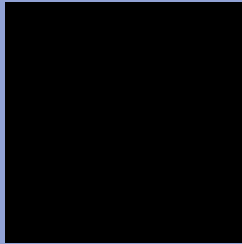
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 28.513, 281.989

Background



This preview shows how black text looks on a background with the CIELCh color 67, 28.513, 281.989.



This preview shows how white text looks on a background with the CIELCh color 67, 28.513, 281.989.

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

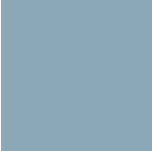
67, 28.513, 281.989

Protanopia

67, 28.334, 285.133

Deuteranopia

67, 29.367, 287.435



Tritanopia
67, 12.476, 234.026

Trichromacy



Original Color
67, 28.513, 281.989

Protanomaly
67, 28.370, 284.501

Deuteranomaly
67, 28.876, 285.358

Tritanomaly
67, 16.877, 261.598

Monochromacy



Original Color
67, 28.513, 281.989

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 10.205, 276.963

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 28.513, 281.989 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(145, 162, 213)` looks like.

```
.text, #text, p{  
    color:rgb(145, 162, 213)  
}
```

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(145, 162, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 162, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 28.513, 281.989 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(145, 162, 213) }
```

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

```
.border{ border-color:rgb(145, 162, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 162, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 162, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 162, 213);  
box-shadow:4px 4px 4px 4px rgb(145, 162,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 28.513, 281.989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 162, 213) }
```

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

```
.background{ background-color: rgb(145,  
162, 213) }
```

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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