

Converting Colors

CIELCh(67, 18.835, 295.101)

Have a look what the booklet for
CIELCh(67, 18.835, 295.101)
contains.

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Color

CIELCh(67, 18.841, 294.219)

Conversions

Conversions Part 1

Format	Color
Hex	A2A0C2
RGB	162, 160, 194
RGB Percent	64%, 63%, 76%
CMY	0.3654, 0.3732, 0.2399
CMYK	0.17, 0.18, 0.00, 0.24
HSL	244°, 22%, 69%
HSV	244°, 18%, 76%
XYZ	37.1233, 36.6320, 56.0477
YIQ	164.4740, -9.7220, 10.9980

Conversions

Conversions Part 2

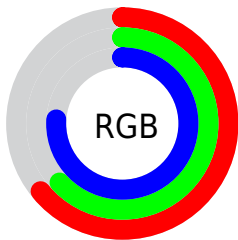
Format	Color
R _Y B	162, 160, 194
Decimal	10657986
CIE Lab	67.00, 7.73, -17.18
CIE LCh	67, 18.841, 294.219
Yxy	36.6320, 0.2860, 0.2822
Android (android.graphics.Color)	4288848066 (0xFFA2A0C2)
YUV	164.4740, 14.5563, -2.1697
Hunter-Lab	60.5244, 3.5674, -12.5376

Details

The CIELCh color $67, 18.841, 294.219$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $77, 18.104, 110.965$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $87, 18.892, 293.774$, and $47, 18.382, 293.759$ is the 20% darker color. If you saturate the color by 10%, you get $60, 30.195, 295.437$, and if you desaturate by 10%, it is $73, 7.940, 293.177$.

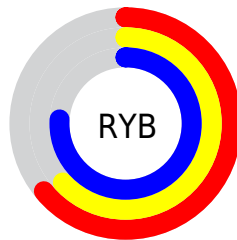
Distribution



Red (64%)

Green (63%)

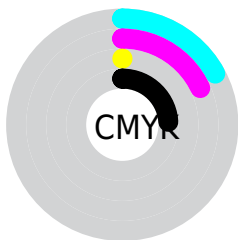
Blue (76%)



Red (64%)

Yellow (63%)

Blue (76%)

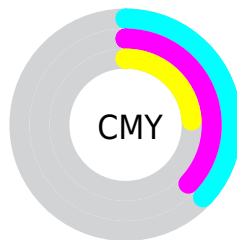


Cyan (17%)

Magenta (18%)

Yellow (0%)

Black (24%)



Cyan (37%)


Magenta (37%)


Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 18.841, 294.219 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, 18.841, 294.219 by changing the saturation by 10% instead.


 67, 18.841,
294.219


 67, 18.841,
294.219


 100, 18.841,
294.219


 57, 18.841,
294.219


 87, 18.841,
294.219

 47, 18.841,
294.219

 97, 18.841,
294.219

 37, 18.841,
294.219

 27, 18.841,
294.219

 17, 18.841,
294.219

 7, 18.841, 294.219

 0, 18.841, 294.219

67, 18.841,
294.219

67, 18.841,
294.219

60, 30.195,
295.437

73, 7.940, 293.177

54, 42.028,
296.854

80, 2.532, 112.267

48, 54.322,
298.476

86, 12.607,
111.521

41, 66.965,
300.277

93, 22.314,
110.874

36, 79.622,
302.171

99, 30.825,
109.212

30, 91.515,
303.980

99, 30.812,
107.834

26, 101.250,
305.422

24, 107.347,

306.257

■ 24, 108.568,
306.451

Harmonies

Complementary

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



67, 18.841, 294.219



77, 18.104, 110.965

Rectangle

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



67, 18.841, 294.219



67, 18.841, 344.219



67, 18.841, 114.219



67, 18.841, 164.219

Sweetspot

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



67, 18.839, 294.217



95, 6.500, 292.948



76, 11.357, 203.230



51, 4.476, 293.014



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, 18.839, 294.217



82, 28.175, 294.658



68, 19.988, 311.562



37, 5.992, 293.355



18, 94.407, 306.492



1, 19.499, 292.724

Inverse Universe

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



70, 21.557, 327.028



86, 32.015, 327.245



76, 19.570, 130.033



38, 6.942, 326.557



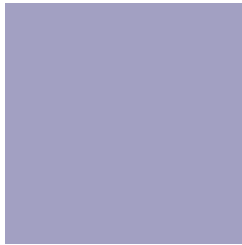
37, 78.162, 330.687



4, 22.934, 328.368

Previews

White Background



This preview shows how the CIELCh color 67, 18.841, 294.219 looks on a white background.

Color Contrast Check

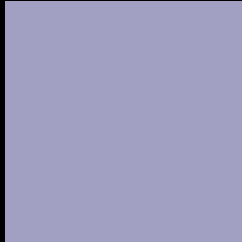
Large Text (above 18pt) WCAG AA × Fail

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, 18.841, 294.219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

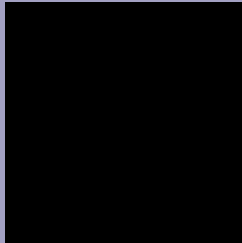
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

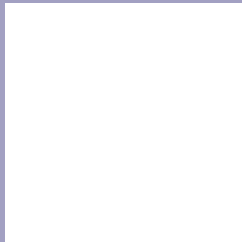
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 67, 18.841, 294.219

Background



This preview shows how black text looks on a background with the CIELCh color 67, 18.841, 294.219.



This preview shows how white text looks on a background with the CIELCh color 67, 18.841, 294.219.

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

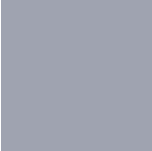
67, 18.841, 294.219

Protanopia

67, 18.303, 285.543

Deuteranopia

67, 19.492, 297.302



Tritanopia
67, 7.304, 279.392

Trichromacy



Original Color
67, 18.841, 294.219

Protanomaly
67, 18.807, 288.934

Deuteranomaly
67, 19.460, 296.273

Tritanomaly
67, 11.067, 287.591

Monochromacy



Original Color
67, 18.841, 294.219

Achromatopsia
67, 0.008, 296.813

Achromatomaly
67, 7.204, 293.854

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 18.841, 294.219 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(162, 160, 194)` looks like.

```
.text, #text, p{  
    color:rgb(162, 160, 194)  
}
```

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(162, 160, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 160, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 18.841, 294.219 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(162, 160, 194) }
```

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

```
.border{ border-color:rgb(162, 160, 194) }
```

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

Here you see how a box with a 4 pixel rgb(162, 160, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 160, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 160, 194);  
box-shadow:4px 4px 4px 4px rgb(162, 160,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 18.841, 294.219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 160, 194) }
```

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

```
.background{ background-color: rgb(162,  
160, 194) }
```

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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