

Converting Colors

CIELCh(67, 44.590, 316.161)

Have a look what the booklet for
CIELCh(67, 44.590, 316.161)
contains.

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Color

CIELCh(67, 44.782, 316.145)

Conversions

Conversions Part 1

Format	Color
Hex	C290DB
RGB	194, 144, 219
RGB Percent	76%, 56%, 86%
CMY	0.2384, 0.4345, 0.1403
CMYK	0.11, 0.34, 0.00, 0.14
HSL	280°, 51%, 71%
HSV	280°, 34%, 86%
XYZ	45.1223, 36.6320, 71.8606
YIQ	167.5000, 5.7250, 33.9250

Conversions

Conversions Part 2

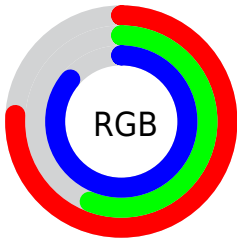
Format	Color
RYB	194, 144, 219
Decimal	12751067
CIELab	67.00, 32.29, -31.03
CIELCh	67, 44.782, 316.145
Yxy	36.6320, 0.2937, 0.2385
Android (android.graphics.Color)	4290941147 (0xFFC290DB)
YUV	167.5000, 25.3895, 23.2405
Hunter-Lab	60.5244, 27.1584, -28.0280

Details

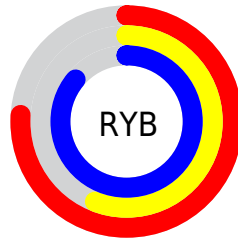
The CIELCh color $67, 44.782, 316.145$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $83, 43.490, 133.041$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 35.050, 323.671$, and $47, 44.695, 315.898$ is the 20% darker color. If you saturate the color by 10%, you get $61, 57.965, 316.563$, and if you desaturate by 10%, it is $73, 31.490, 315.703$.

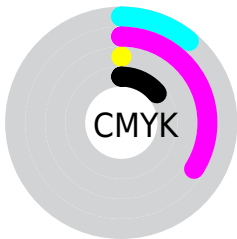
Distribution



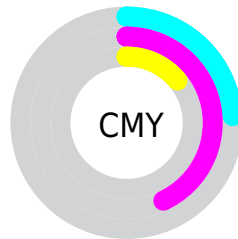
- Red (76%)
- Green (56%)
- Blue (86%)



- Red (76%)
- Yellow (56%)
- Blue (86%)



- Cyan (11%)
- Magenta (34%)
- Yellow (0%)
- Black (14%)




- Cyan (24%)
- Magenta (43%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 44.782, 316.145 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, 44.782, 316.145 by changing the saturation by 10% instead.

 67, 44.782,
316.145


 67, 44.782,
316.145


 100, 44.782,
316.145


 57, 44.782,
316.145


 87, 44.782,
316.145

 47, 44.782,
316.145

 97, 44.782,
316.145

 37, 44.782,
316.145

 27, 44.782,
316.145

 17, 44.782,
316.145

 7, 44.782, 316.145

 0, 44.782, 316.145

67, 44.782,
316.145

67, 44.782,
316.145

61, 57.965,
316.563

73, 31.490,
315.703

56, 70.707,
316.922

79, 18.312,
315.258

51, 82.513,
317.173

85, 5.375, 314.809

47, 92.733,
317.252

91, 7.250, 134.469

44, 100.647,
317.085

97, 19.526,
134.083


41, 105.692,
316.606

98, 19.202,
127.495

40, 107.584,
316.221

98, 18.477,
119.791

99, 18.122,
111.516

 99, 18.093,
108.809

Harmonies

Complementary

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



67, 44.782, 316.145



83, 43.490, 133.041

Rectangle

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



67, 44.782, 316.145



67, 44.782, 6.145



67, 44.782, 136.145



67, 44.782, 186.145

Sweetspot

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



67, 44.780, 316.145



93, 14.496, 315.076



69, 28.266, 276.617



49, 9.905, 315.138



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, 44.780, 316.145



73, 60.768, 316.447



69, 43.053, 331.528



43, 7.276, 315.047



31, 90.222, 316.380



4, 32.558, 316.048

Inverse Universe

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



68, 31.829, 357.561



74, 43.306, 358.683



81, 42.951, 146.739



43, 5.091, 354.525



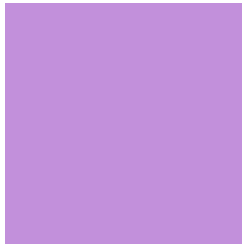
36, 64.651, 17.759



6, 23.998, 5.148

Previews

White Background



This preview shows how the CIELCh color 67, 44.782, 316.145 looks on a white background.

Color Contrast Check

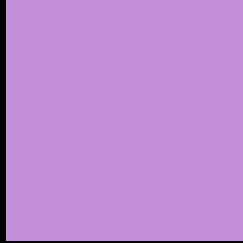
Large Text (above 18pt) WCAG AA × Fail

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 67, 44.782, 316.145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

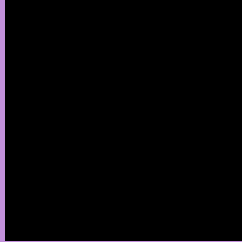
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 44.782, 316.145

Background



This preview shows how black text looks on a background with the CIELCh color 67, 44.782, 316.145.



This preview shows how white text looks on a background with the CIELCh color 67, 44.782, 316.145.

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, 44.782, 316.145

Protanopia
67, 39.410, 285.315

Deuteranopia
67, 30.475, 286.577



Tritanopia
67, 13.627, 351.765

Trichromacy



Original Color
67, 44.782, 316.145

Protanomaly
67, 39.927, 296.396

Deuteranomaly
67, 34.604, 299.583

Tritanomaly
67, 23.894, 327.775

Monochromacy



Original Color
67, 44.782, 316.145

Achromatopsia
69, 0.009, 296.813

Achromatomaly
68, 17.007, 315.666

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 44.782, 316.145 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(194, 144, 219)` looks like.

```
.text, #text, p{  
    color:rgb(194, 144, 219)  
}
```

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(194, 144, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 144, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 44.782, 316.145 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(194, 144, 219) }
```

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

```
.border{ border-color:rgb(194, 144, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 144, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 144, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 144, 219);  
box-shadow:4px 4px 4px 4px rgb(194, 144,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 44.782, 316.145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 144, 219) }
```

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

```
.background{ background-color: rgb(194,  
144, 219) }
```

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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