

Converting Colors

CIELCh(67, 36.857, 335.165)

Have a look what the booklet for
CIELCh(67, 36.857, 335.165)
contains.

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Color

CIELCh(67, 36.827, 335.154)

Conversions

Conversions Part 1

Format	Color
Hex	D28EC0
RGB	210, 142, 192
RGB Percent	82%, 56%, 75%
CMY	0.1783, 0.4449, 0.2489
CMYK	0.00, 0.32, 0.09, 0.18
HSL	316°, 43%, 69%
HSV	316°, 32%, 82%
XYZ	45.5143, 36.6320, 54.2743
YIQ	168.0320, 24.4780, 29.9660

Conversions

Conversions Part 2

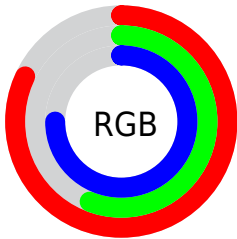
Format	Color
R _Y B	210, 142, 192
Decimal	13799104
CIE Lab	67.00, 33.42, -15.47
CIE LCh	67, 36.827, 335.154
Yxy	36.6320, 0.3336, 0.2685
Android (android.graphics.Color)	4291989184 (0xFFD28EC0)
YUV	168.0320, 11.8162, 36.8059
Hunter-Lab	60.5244, 28.3144, -10.8004

Details

The CIELCh color $67, 36.827, 335.154$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 36.525, 150.282$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 33.507, 329.259$, and $47, 36.844, 335.185$ is the 20% darker color. If you saturate the color by 10%, you get $62, 47.768, 335.944$, and if you desaturate by 10%, it is $72, 25.495, 334.408$.

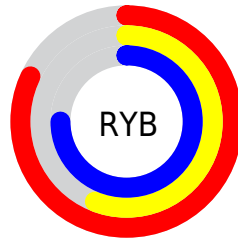
Distribution



Red (82%)

Green (56%)

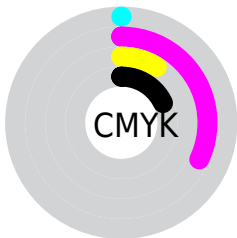
Blue (75%)



Red (82%)

Yellow (56%)

Blue (75%)

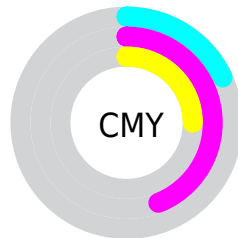


Cyan (0%)

Magenta (32%)

Yellow (9%)

Black (18%)



Cyan (18%)


Magenta (44%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 36.827, 335.154 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, 36.827, 335.154 by changing the saturation by 10% instead.


 67, 36.827,
335.154


 67, 36.827,
335.154


 100, 36.827,
335.154


 57, 36.827,
335.154


 87, 36.827,
335.154

 47, 36.827,
335.154

 97, 36.827,
335.154

 37, 36.827,
335.154

 27, 36.827,
335.154

 17, 36.827,
335.154

 7, 36.827, 335.154

 0, 36.827, 335.154

67, 36.827,
335.154

67, 36.827,
335.154

62, 47.768,
335.944

72, 25.495,
334.408

58, 57.931,
336.790

77, 14.069,
333.695

54, 66.817,
337.710

83, 2.740, 332.930

51, 73.887,
338.738

88, 8.372, 152.463

49, 78.672,
339.918

94, 19.198,
151.844


48, 80.947,
341.311

96, 22.357,
154.419

47, 81.358,
342.511

96, 20.385,
159.955

96, 18.621,
166.571

 97, 17.133,
174.416

Harmonies

Complementary

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



67, 36.827, 335.154



79, 36.525, 150.282

Rectangle

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



67, 36.827, 335.154



67, 36.827, 25.154



67, 36.827, 155.154



67, 36.827, 205.154

Sweetspot

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



67, 36.824, 335.155



94, 13.246, 333.532



63, 38.647, 302.383



49, 9.046, 333.632



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, 36.824, 335.155



76, 51.664, 335.703



66, 28.212, 3.233



41, 6.394, 333.482



37, 69.306, 342.232



5, 25.364, 338.947

Inverse Universe

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



67, 36.824, 335.155



76, 51.664, 335.703



79, 25.139, 176.351



41, 6.394, 333.482



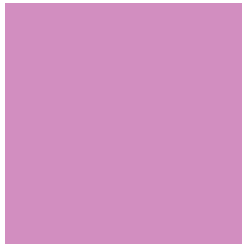
37, 69.306, 342.232



5, 25.364, 338.947

Previews

White Background



This preview shows how the CIELCh color 67, 36.827, 335.154 looks on a white background.

Color Contrast Check

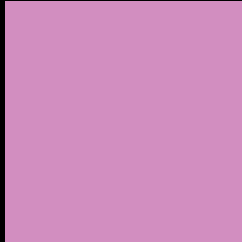
Large Text (above 18pt) WCAG AA × Fail

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, 36.827, 335.154 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

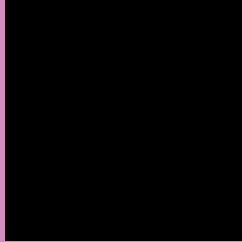
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 36.827, 335.154

Background



This preview shows how black text looks on a background with the CIELCh color 67, 36.827, 335.154.

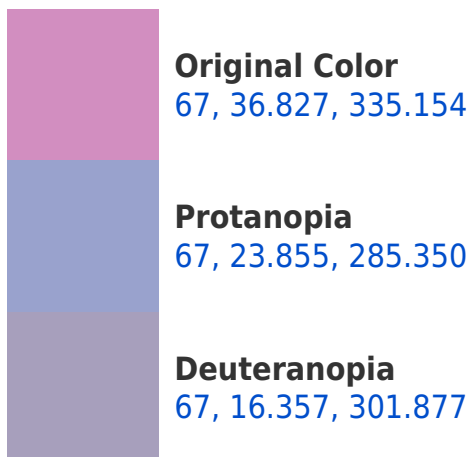



This preview shows how white text looks on a background with the CIELCh color 67, 36.827, 335.154.

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





Tritanopia
67, 23.219, 6.801

Trichromacy



Original Color
67, 36.827, 335.154

Protanomaly
67, 25.893, 307.482

Deuteranomaly
67, 22.612, 319.812

Tritanomaly
67, 26.999, 351.814

Monochromacy



Original Color
67, 36.827, 335.154

Achromatopsia
69, 0.009, 296.813

Achromatomaly
68, 14.096, 332.824

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 36.827, 335.154 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(210, 142, 192)` looks like.

```
.text, #text, p{  
    color:rgb(210, 142, 192)  
}
```

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(210, 142, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 142, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 36.827, 335.154 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(210, 142, 192) }
```

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

```
.border{ border-color:rgb(210, 142, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 142, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 142, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 142, 192);  
box-shadow:4px 4px 4px 4px rgb(210, 142,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 36.827, 335.154 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 142, 192) }
```

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

```
.background{ background-color: rgb(210,  
142, 192) }
```

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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