

Converting Colors

CIELCh(67, 39.330, 333.136)

Have a look what the booklet for
CIELCh(67, 39.330, 333.136)
contains.

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Color

CIELCh(67, 39.824, 333.129)

Conversions

Conversions Part 1

Format	Color
Hex	D38CC4
RGB	211, 140, 196
RGB Percent	83%, 55%, 77%
CMY	0.1722, 0.4506, 0.2310
CMYK	0.00, 0.34, 0.07, 0.17
HSL	313°, 45%, 69%
HSV	313°, 34%, 83%
XYZ	46.2533, 36.6320, 56.9092
YIQ	167.6130, 24.3400, 32.4680

Conversions

Conversions Part 2

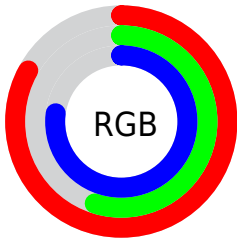
Format	Color
RYB	211, 140, 196
Decimal	13864132
CIELab	67.00, 35.52, -18.00
CIElCh	67, 39.824, 333.129
Yxy	36.6320, 0.3309, 0.2620
Android (android.graphics.Color)	4292054212 (0xFFD38CC4)
YUV	167.6130, 13.9948, 38.0504
Hunter-Lab	60.5244, 30.4939, -13.3816

Details

The CIELCh color $67, 39.824, 333.129$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $79, 39.637, 148.276$, and the grayscale version is $69, 0.009, 296.813$.

A 20% lighter version of the original color is $86, 36.796, 326.656$, and $47, 39.928, 333.077$ is the 20% darker color. If you saturate the color by 10%, you get $62, 51.133, 333.846$, and if you desaturate by 10%, it is $72, 28.049, 332.438$.

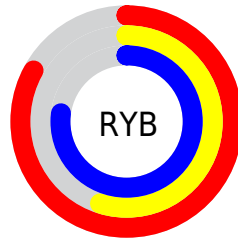
Distribution



Red (83%)

Green (55%)

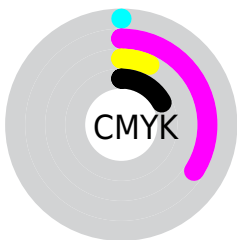
Blue (77%)



Red (83%)

Yellow (55%)

Blue (77%)

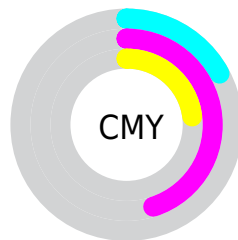


Cyan (0%)

Magenta (34%)

Yellow (7%)

Black (17%)



Cyan (17%)


Magenta (45%)


Yellow (23%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 39.824, 333.129 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, 39.824, 333.129 by changing the saturation by 10% instead.

 67, 39.824,
333.129


 67, 39.824,
333.129


 100, 39.824,
333.129


 57, 39.824,
333.129


 87, 39.824,
333.129

 47, 39.824,
333.129

 97, 39.824,
333.129

 37, 39.824,
333.129

 27, 39.824,
333.129

 17, 39.824,
333.129

 7, 39.824, 333.129

 0, 39.824, 333.129

67, 39.824,
333.129

67, 39.824,
333.129

62, 51.133,
333.846

72, 28.049,
332.438

58, 61.563,
334.591

77, 16.128,
331.768

55, 70.598,
335.377

83, 4.273, 331.076

52, 77.698,
336.223

88, 7.378, 150.588

50, 82.420,
337.158

94, 18.747,
149.982


48, 84.586,
338.224

96, 22.720,
151.773

48, 84.984,
338.969

96, 21.051,
155.888

96, 19.496,
160.661

 97, 18.084,
166.195

Harmonies

Complementary

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



67, 39.824, 333.129



79, 39.637, 148.276

Rectangle

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



67, 39.824, 333.129



67, 39.824, 23.129



67, 39.824, 153.129



67, 39.824, 203.129

Sweetspot

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



67, 39.821, 333.129



94, 13.759, 331.533



62, 40.272, 300.860



49, 9.395, 331.628



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, 39.821, 333.129



76, 54.875, 333.613



66, 29.947, 359.801



41, 6.642, 331.486



38, 71.970, 338.762



5, 26.425, 336.200

Inverse Universe

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



67, 39.821, 333.129



76, 54.875, 333.613



80, 27.094, 172.591



41, 6.642, 331.486



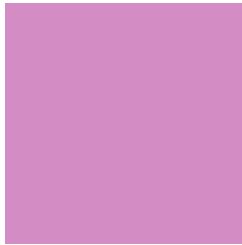
38, 71.970, 338.762



5, 26.425, 336.200

Previews

White Background



This preview shows how the CIELCh color 67, 39.824, 333.129 looks on a white background.

Color Contrast Check

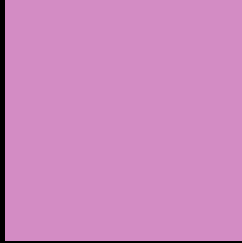
Large Text (above 18pt) WCAG AA × Fail

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, 39.824, 333.129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

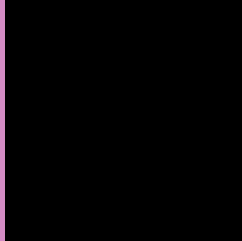
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 39.824, 333.129

Background



This preview shows how black text looks on a background with the CIELCh color 67, 39.824, 333.129.

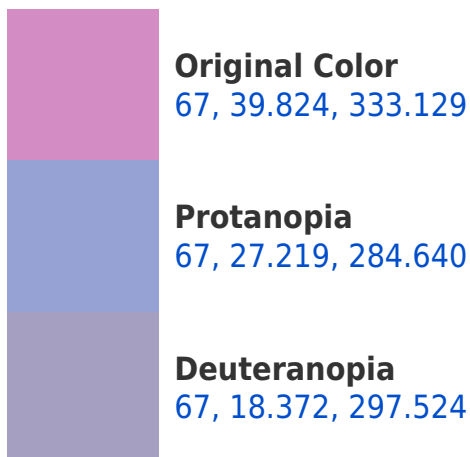


This preview shows how white text looks on a background with the CIELCh color 67, 39.824, 333.129.

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, 24.111, 6.135

Trichromacy



Original Color
67, 39.824, 333.129



Protanomaly
67, 29.577, 305.050



Deuteranomaly
67, 25.046, 316.854



Tritanomaly
67, 28.745, 350.242

Monochromacy



Original Color
67, 39.824, 333.129



Achromatopsia
69, 0.009, 296.813



Achromatomaly
68, 14.745, 332.509

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 39.824, 333.129 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(211, 140, 196)` looks like.

```
.text, #text, p{  
    color:rgb(211, 140, 196)  
}
```

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(211, 140, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 140, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 39.824, 333.129 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(211, 140, 196) }
```

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

```
.border{ border-color:rgb(211, 140, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 140, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 140, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 140, 196); box-shadow:4px 4px 4px 4px rgb(211, 140, 196) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 39.824, 333.129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 140, 196) }
```

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

```
.background{ background-color: rgb(211,  
140, 196) }
```

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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