

Converting Colors

CIELCh(67, 38.405, 332.456)

Have a look what the booklet for
CIELCh(67, 38.405, 332.456)
contains.

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Color

CIELCh(67, 38.765, 332.298)

Conversions

Conversions Part 1

Format	Color
Hex	D18DC4
RGB	209, 141, 196
RGB Percent	82%, 55%, 77%
CMY	0.1800, 0.4467, 0.2310
CMYK	0.00, 0.33, 0.06, 0.18
HSL	311°, 43%, 69%
HSV	311°, 33%, 82%
XYZ	45.8304, 36.6320, 56.9315
YIQ	167.6020, 22.8730, 31.5210

Conversions

Conversions Part 2

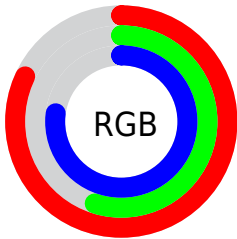
Format	Color
R_{YB}	209, 141, 196
Decimal	13733316
CIE _{Lab}	67.00, 34.32, -18.02
CIE _{LCh}	67, 38.765, 332.298
Yxy	36.6320, 0.3288, 0.2628
Android (android.graphics.Color)	4291923396 (0xFFD18DC4)
YUV	167.6020, 14.0002, 36.3060
Hunter-Lab	60.5244, 29.2465, -13.4034

Details

The CIELCh color $67, 38.765, 332.298$ is a light color, and the websafe version is hex `CC99CC`. A complement of this color would be $78, 38.619, 147.714$, 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 $47, 38.883, 332.150$ is the 20% darker color. If you saturate the color by 10%, you get $62, 50.204, 332.984$, and if you desaturate by 10%, it is $72, 26.893, 331.630$.

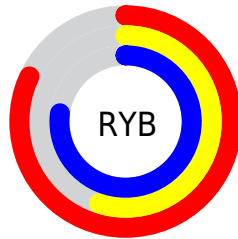
Distribution



Red (82%)

Green (55%)

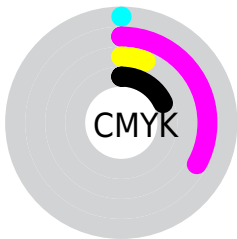
Blue (77%)



Red (82%)

Yellow (55%)

Blue (77%)

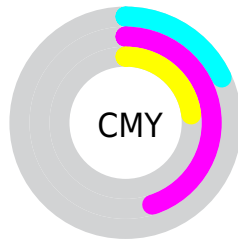


Cyan (0%)

Magenta (33%)

Yellow (6%)

Black (18%)



Cyan (18%)

Magenta (45%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 38.765, 332.298 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, 38.765, 332.298 by changing the saturation by 10% instead.

 67, 38.765,
332.298

 67, 38.765,
332.298

 100, 38.765,
332.298

 57, 38.765,
332.298

 87, 38.765,
332.298

 47, 38.765,
332.298

 97, 38.765,
332.298

 37, 38.765,
332.298

 27, 38.765,
332.298

 17, 38.765,
332.298

 7, 38.765, 332.298

 0, 38.765, 332.298

67, 38.765,
332.298

67, 38.765,
332.298

62, 50.204,
332.984

72, 26.893,
331.630

58, 60.811,
333.690

77, 14.898,
330.977

55, 70.081,
334.422

82, 2.984, 330.271

52, 77.478,
335.193

88, 8.718, 149.818

49, 82.546,
336.027

94, 20.131,
149.229


48, 85.074,
336.957

96, 24.268,
150.657

48, 85.662,
337.720

96, 22.739,
154.002

96, 21.288,
157.799

 96, 19.933,
162.112

Harmonies

Complementary

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



67, 38.765, 332.298



78, 38.619, 147.714

Rectangle

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



67, 38.765, 332.298



67, 38.765, 22.298



67, 38.765, 152.298



67, 38.765, 202.298

Sweetspot

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



67, 38.762, 332.298



94, 13.956, 330.820



62, 38.520, 300.193



49, 9.530, 330.913



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, 38.762, 332.298



77, 54.302, 332.771



66, 28.873, 358.459



41, 6.738, 330.774



38, 73.044, 337.547



5, 26.840, 335.240

Inverse Universe

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



67, 38.762, 332.298



77, 54.302, 332.771



79, 26.371, 171.568



41, 6.738, 330.774



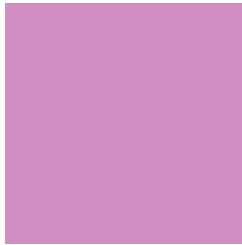
38, 73.044, 337.547



5, 26.840, 335.240

Previews

White Background



This preview shows how the CIELCh color 67, 38.765, 332.298 looks on a white background.

Color Contrast Check

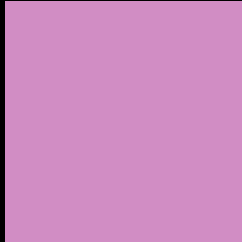
Large Text (above 18pt) WCAG AA × Fail

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, 38.765, 332.298 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

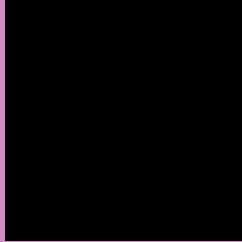
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 38.765, 332.298

Background



This preview shows how black text looks on a background with the CIELCh color 67, 38.765, 332.298.

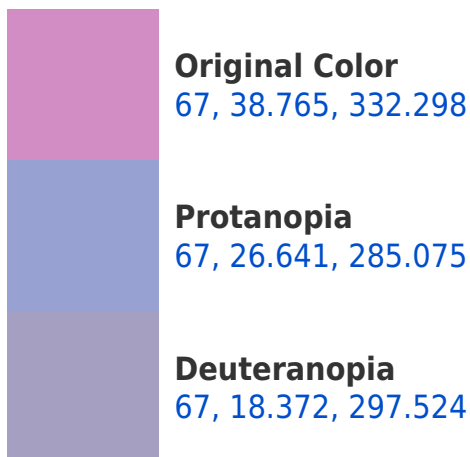


This preview shows how white text looks on a background with the CIELCh color 67, 38.765, 332.298.

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, 22.831, 6.490

Trichromacy



Original Color
67, 38.765, 332.298

Protanomaly
67, 29.041, 305.257

Deuteranomaly
67, 24.904, 316.078

Tritanomaly
67, 27.506, 349.785

Monochromacy



Original Color
67, 38.765, 332.298

Achromatopsia
69, 0.009, 296.813

Achromatomaly
68, 14.501, 331.355

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 38.765, 332.298 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(209, 141, 196)` looks like.

```
.text, #text, p{  
    color:rgb(209, 141, 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(209, 141, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 141, 196) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 38.765, 332.298 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(209, 141, 196) }
```

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

```
.border{ border-color:rgb(209, 141, 196) }
```

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

Here you see how a box with a 4 pixel rgb(209, 141, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 141, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 141, 196);  
box-shadow:4px 4px 4px 4px rgb(209, 141,  
196) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 38.765, 332.298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 141, 196) }
```

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

```
.background{ background-color: rgb(209,  
141, 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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