

Converting Colors

CIELCh(67, 36.380, 349.091)

Have a look what the booklet for
CIELCh(67, 36.380, 349.091)
contains.

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Color

CIELCh(67, 36.127, 349.448)

Conversions

Conversions Part 1

Format	Color
Hex	DB8BB0
RGB	219, 139, 176
RGB Percent	86%, 55%, 69%
CMY	0.1414, 0.4551, 0.3100
CMYK	0.00, 0.37, 0.20, 0.14
HSL	332°, 53%, 70%
HSV	332°, 37%, 86%
XYZ	46.2505, 36.6320, 45.6776
YIQ	167.1380, 35.8030, 28.4670

Conversions

Conversions Part 2

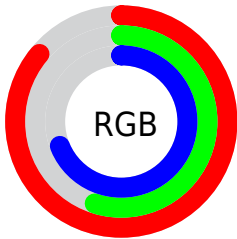
Format	Color
R _Y B	219, 139, 176
Decimal	14388144
CIE Lab	67.00, 35.52, -6.62
CIE LCh	67, 36.127, 349.448
Yxy	36.6320, 0.3598, 0.2849
Android (android.graphics.Color)	4292578224 (0xFFDB8BB0)
YUV	167.1380, 4.3690, 45.4830
Hunter-Lab	60.5244, 30.4855, -2.3790

Details

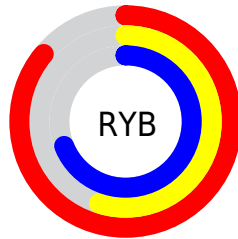
The CIELCh color $67, 36.127, 349.448$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $82, 34.240, 162.112$, and the grayscale version is $68, 0.008, 296.813$.

A 20% lighter version of the original color is $85, 29.513, 339.453$, and $47, 36.266, 348.763$ is the 20% darker color. If you saturate the color by 10%, you get $62, 45.798, 350.857$, and if you desaturate by 10%, it is $72, 26.145, 348.244$.

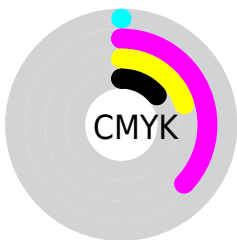
Distribution



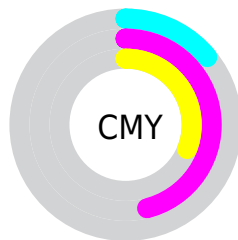
- Red (86%)
- Green (55%)
- Blue (69%)



- Red (86%)
- Yellow (55%)
- Blue (69%)



- Cyan (0%)
- Magenta (37%)
- Yellow (20%)
- Black (14%)



- Cyan (14%)
- Magenta (46%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 67, 36.127, 349.448 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, 36.127, 349.448 by changing the saturation by 10% instead.

 67, 36.127,
349.448

 67, 36.127,
349.448

 100, 36.127,
349.448

 57, 36.127,
349.448

 87, 36.127,
349.448

 47, 36.127,
349.448

 97, 36.127,
349.448

 37, 36.127,
349.448

 27, 36.127,
349.448

 17, 36.127,
349.448

 7, 36.127, 349.448

 0, 36.127, 349.448

67, 36.127,
349.448

67, 36.127,
349.448

62, 45.798,
350.857

72, 26.145,
348.244

58, 54.767,
352.541

78, 16.142,
347.184

54, 62.542,
354.608

84, 6.300, 346.210

51, 68.620,
357.202

89, 3.277, 165.581

95, 12.533,
164.721

49, 72.659, 0.493

47, 74.711, 4.631

97, 13.145,
179.408

47, 75.244, 6.179

98, 12.146,
198.695

Harmonies

Complementary

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



67, 36.127, 349.448



82, 34.240, 162.112

Rectangle

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



67, 36.127, 349.448



67, 36.127, 39.448



67, 36.127, 169.448



67, 36.127, 219.448

Sweetspot

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



67, 36.124, 349.449



93, 12.072, 346.651



65, 46.802, 311.967



49, 8.125, 346.783



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, 36.124, 349.449



73, 49.094, 350.533



67, 32.104, 25.164



43, 5.500, 346.491



37, 63.243, 5.361



6, 24.725, 357.125

Inverse Universe

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



67, 36.124, 349.449



73, 49.094, 350.533



82, 24.712, 201.020



43, 5.500, 346.491



37, 63.243, 5.361



6, 24.725, 357.125

Previews

White Background



This preview shows how the CIELCh color 67, 36.127, 349.448 looks on a white background.

Color Contrast Check

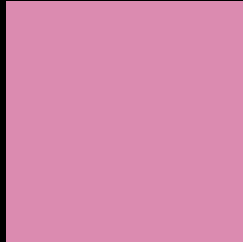
Large Text (above 18pt) WCAG AA × Fail

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, 36.127, 349.448 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, 36.127, 349.448

Background



This preview shows how black text looks on a background with the CIELCh color 67, 36.127, 349.448.

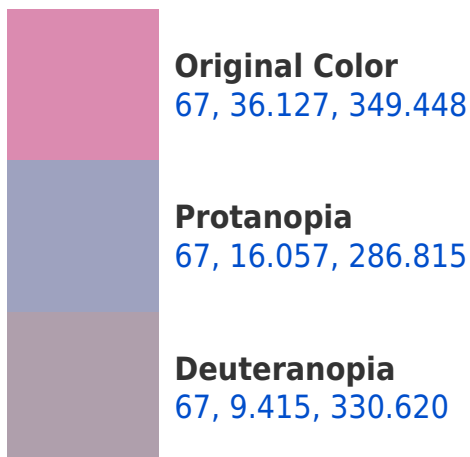


This preview shows how white text looks on a background with the CIELCh color 67, 36.127, 349.448.

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, 30.069, 11.122

Trichromacy



Original Color
67, 36.127, 349.448

Protanomaly
67, 20.173, 319.938

Deuteranomaly
67, 18.793, 343.334

Tritanomaly
67, 31.544, 2.656

Monochromacy



Original Color
67, 36.127, 349.448

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 13.197, 347.904

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 36.127, 349.448 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(219, 139, 176)` looks like.

```
.text, #text, p{  
    color:rgb(219, 139, 176)  
}
```

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(219, 139, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 139, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 36.127, 349.448 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(219, 139, 176) }
```

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

```
.border{ border-color:rgb(219, 139, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 139, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 139, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 139, 176); box-shadow:4px 4px 4px 4px rgb(219, 139, 176) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 36.127, 349.448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 139, 176) }
```

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

```
.background{ background-color: rgb(219,  
139, 176) }
```

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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