

Converting Colors

CIELCh(67, 35.534, 358.303)

Have a look what the booklet for
CIELCh(67, 35.534, 358.303)
contains.

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Color

CIELCh(67, 35.658, 358.115)

Conversions

Conversions Part 1

Format	Color
Hex	DE8AA6
RGB	222, 138, 166
RGB Percent	87%, 54%, 65%
CMY	0.1279, 0.4574, 0.3477
CMYK	0.00, 0.38, 0.25, 0.13
HSL	340°, 56%, 71%
HSV	340°, 38%, 87%
XYZ	46.2938, 36.6320, 40.8748
YIQ	166.3080, 41.0760, 26.5160

Conversions

Conversions Part 2

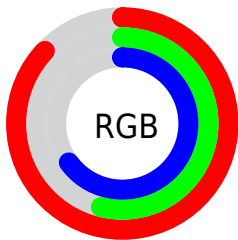
Format	Color
R _Y B	222, 138, 166
Decimal	14584486
CIE Lab	67.00, 35.64, -1.17
CIE LCh	67, 35.658, 358.115
Yxy	36.6320, 0.3739, 0.2959
Android (android.graphics.Color)	4292774566 (0xFFDE8AA6)
YUV	166.3080, -0.1518, 48.8419
Hunter-Lab	60.5244, 30.6132, 2.3259

Details

The CIELCh color **67, 35.658, 358.115** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83, 32.278, 169.811**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **84, 26.897, 348.666**, and **47, 35.760, 358.178** is the 20% darker color. If you saturate the color by 10%, you get **62, 45.181, 359.854**, and if you desaturate by 10%, it is **72, 25.968, 356.675**.

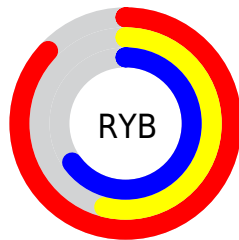
Distribution



Red (87%)

Green (54%)

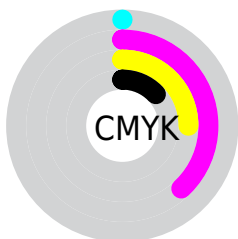
Blue (65%)



Red (87%)

Yellow (54%)

Blue (65%)

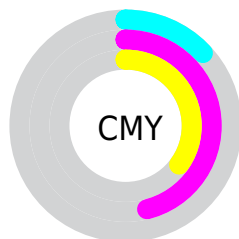


Cyan (0%)

Magenta (38%)

Yellow (25%)

Black (13%)



Cyan (13%)


Magenta (46%)


Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 67, 35.658, 358.115 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, 35.658, 358.115 by changing the saturation by 10% instead.


 67, 35.658,
358.115


 67, 35.658,
358.115


 100, 35.658,
358.115


 57, 35.658,
358.115


 87, 35.658,
358.115

 47, 35.658,
358.115

 97, 35.658,
358.115

 37, 35.658,
358.115

 27, 35.658,
358.115

 17, 35.658,
358.115

 7, 35.658, 358.115

 0, 35.658, 358.115

67, 35.658,
358.115

67, 35.658,
358.115

62, 45.181,
359.854

72, 25.968,
356.675

57, 54.178, 1.996

78, 16.376,
355.448

54, 62.198, 4.689

84, 7.040, 354.358

51, 68.815, 8.107

90, 1.954, 173.768

48, 73.806, 12.416

96, 10.571,
172.740

47, 77.408, 17.628

47, 78.192, 18.808

98, 11.029,
198.770

Harmonies

Complementary

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



67, 35.658, 358.115



83, 32.278, 169.811

Rectangle

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



67, 35.658, 358.115



67, 35.658, 48.115



67, 35.658, 178.115



67, 35.658, 228.115

Sweetspot

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



67, 35.655, 358.117



93, 11.183, 354.710



66, 50.091, 316.299



48, 7.533, 354.857



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, 35.655, 358.117



72, 47.560, 359.397



69, 30.431, 36.266



44, 5.189, 354.536



37, 65.375, 17.838



6, 25.433, 5.848

Inverse Universe

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



67, 35.655, 358.117



72, 47.560, 359.397



80, 23.067, 217.002



44, 5.189, 354.536



37, 65.375, 17.838



6, 25.433, 5.848

Previews

White Background



This preview shows how the CIELCh color 67, 35.658, 358.115 looks on a white background.

Color Contrast Check

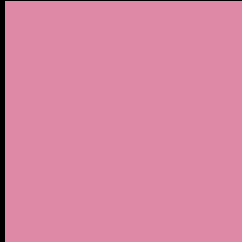
Large Text (above 18pt) WCAG AA × Fail

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, 35.658, 358.115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

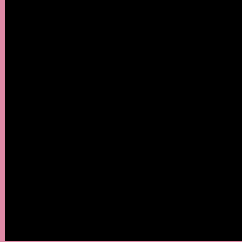
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 67, 35.658, 358.115

Background



This preview shows how black text looks on a background with the CIELCh color 67, 35.658, 358.115.

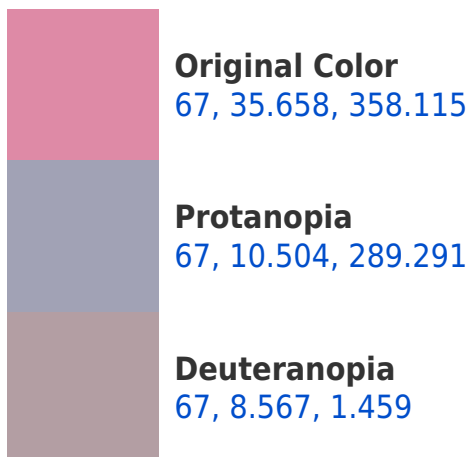


This preview shows how white text looks on a background with the CIELCh color 67, 35.658, 358.115.

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, 32.535, 12.318

Trichromacy



Original Color
67, 35.658, 358.115

Protanomaly
67, 17.020, 332.757

Deuteranomaly
67, 18.498, 358.599

Tritanomaly
67, 33.604, 7.144

Monochromacy



Original Color
67, 35.658, 358.115

Achromatopsia
68, 0.008, 296.813

Achromatomaly
68, 12.789, 355.221

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 67, 35.658, 358.115 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(222, 138, 166)` looks like.

```
.text, #text, p{  
    color:rgb(222, 138, 166)  
}
```

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(222, 138, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 138, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 67, 35.658, 358.115 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(222, 138, 166) }
```

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

```
.border{ border-color:rgb(222, 138, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 138, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 138, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 138, 166);  
box-shadow:4px 4px 4px 4px rgb(222, 138,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 67, 35.658, 358.115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 138, 166) }
```

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

```
.background{ background-color: rgb(222,  
138, 166) }
```

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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