

Converting Colors

CIELCh(68, 35.334, 354.764)

Have a look what the booklet for
CIELCh(68, 35.334, 354.764)
contains.

CIELCh(68, 35.035, 354.518)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(68, 35.035, 354.518)

Conversions

Conversions Part 1

Format	Color
Hex	DF8EAD
RGB	223, 142, 173
RGB Percent	87%, 56%, 68%
CMY	0.1261, 0.4437, 0.3222
CMYK	0.00, 0.36, 0.22, 0.13
HSL	337°, 56%, 72%
HSV	337°, 36%, 87%
XYZ	47.5571, 37.9720, 44.2783
YIQ	169.7530, 38.3250, 26.8130

Conversions

Conversions Part 2

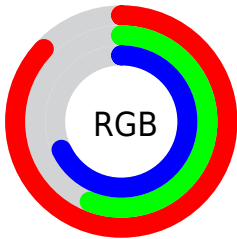
Format	Color
R _Y B	223, 142, 173
Decimal	14651053
CIE Lab	68.00, 34.87, -3.35
CIE LCh	68, 35.035, 354.518
Yxy	37.9720, 0.3664, 0.2925
Android (android.graphics.Color)	4292841133 (0xFFDF8EAD)
YUV	169.7530, 1.6008, 46.6976
Hunter-Lab	61.6215, 29.9219, 0.5320

Details

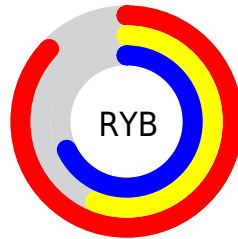
The CIELCh color **68, 35.035, 354.518** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **83, 32.416, 166.793**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **85, 26.450, 343.806**, and **48, 35.114, 354.155** is the 20% darker color. If you saturate the color by 10%, you get **63, 44.668, 356.108**, and if you desaturate by 10%, it is **73, 25.201, 353.184**.

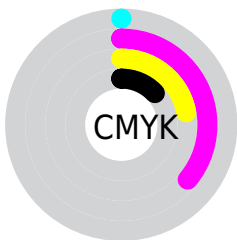
Distribution



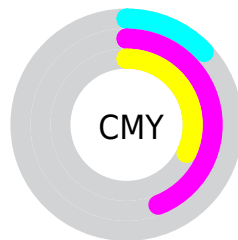
- Red (87%)
- Green (56%)
- Blue (68%)



- Red (87%)
- Yellow (56%)
- Blue (68%)



- Cyan (0%)
- Magenta (36%)
- Yellow (22%)
- Black (13%)





- Cyan (13%)
- Magenta (44%)
- Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 35.035, 354.518 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 68, 35.035, 354.518 by changing the saturation by 10% instead.


 68, 35.035,
354.518


 68, 35.035,
354.518


 100, 35.035,
354.518


 58, 35.035,
354.518


 88, 35.035,
354.518

 48, 35.035,
354.518

 98, 35.035,
354.518

 38, 35.035,
354.518

 28, 35.035,
354.518

 18, 35.035,
354.518

 8, 35.035, 354.518

 0, 35.035, 354.518

68, 35.035,
354.518

68, 35.035,
354.518

63, 44.668,
356.108

73, 25.201,
353.184

58, 53.734,
358.042

79, 15.434,
352.030

54, 61.766, 0.453

85, 5.895, 350.982

51, 68.293, 3.504

91, 3.327, 170.326

49, 73.018, 7.378

97, 12.193,
169.427

48, 76.038, 12.191

98, 10.882,
198.780

47, 77.007, 14.068

Harmonies

Complementary

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



68, 35.035, 354.518



83, 32.416, 166.793

Rectangle

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



68, 35.035, 354.518



68, 35.035, 44.518



68, 35.035, 174.518



68, 35.035, 224.518

Sweetspot

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



68, 35.032, 354.520



93, 11.495, 351.474



66, 47.827, 314.642



49, 7.741, 351.616



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



68, 35.032, 354.520



72, 47.348, 355.764



69, 30.217, 31.761



44, 5.335, 351.305



37, 64.399, 13.132



6, 25.607, 2.850

Inverse Universe

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



68, 35.032, 354.520



72, 47.348, 355.764



81, 23.134, 210.519



44, 5.335, 351.305



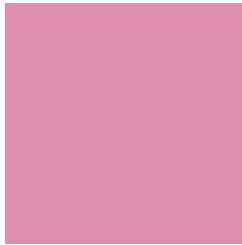
37, 64.399, 13.132



6, 25.607, 2.850

Previews

White Background



This preview shows how the CIELCh color 68, 35.035, 354.518 looks on a white background.

Color Contrast Check

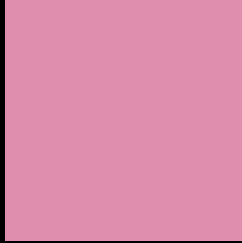
Large Text (above 18pt) WCAG AA × Fail

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 68, 35.035, 354.518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

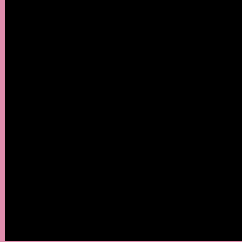
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 35.035, 354.518

Background



This preview shows how black text looks on a background with the CIELCh color 68, 35.035, 354.518.

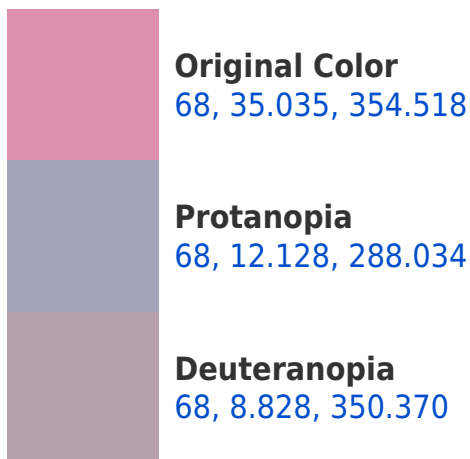


This preview shows how white text looks on a background with the CIELCh color 68, 35.035, 354.518.

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
68, 30.790, 11.472

Trichromacy



Original Color
68, 35.035, 354.518

Protanomaly
68, 17.310, 328.347

Deuteranomaly
68, 18.342, 352.692

Tritanomaly
68, 32.016, 5.093

Monochromacy



Original Color
68, 35.035, 354.518

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 12.630, 352.123

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 35.035, 354.518 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(223, 142, 173)` looks like.

```
.text, #text, p{  
    color:rgb(223, 142, 173)  
}
```

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(223, 142, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 142, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 35.035, 354.518 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(223, 142, 173) }
```

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

```
.border{ border-color:rgb(223, 142, 173) }
```

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

Here you see how a box with a 4 pixel rgb(223, 142, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 142, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 142, 173);  
box-shadow:4px 4px 4px 4px rgb(223, 142,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 35.035, 354.518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 142, 173) }
```

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

```
.background{ background-color: rgb(223,  
142, 173) }
```

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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