

Converting Colors

CIELCh(68, 34.002, 350.955)

Have a look what the booklet for
CIELCh(68, 34.002, 350.955)
contains.

CIELCh(68, 34.121, 351.355)	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, 34.121, 351.355)

Conversions

Conversions Part 1

Format	Color
Hex	DC8FB0
RGB	220, 143, 176
RGB Percent	86%, 56%, 69%
CMY	0.1374, 0.4394, 0.3100
CMYK	0.00, 0.35, 0.20, 0.14
HSL	334°, 52%, 71%
HSV	334°, 35%, 86%
XYZ	47.1480, 37.9720, 45.8950
YIQ	169.7850, 35.2990, 26.5870

Conversions

Conversions Part 2

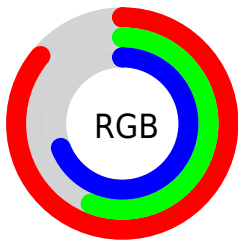
Format	Color
R _Y B	220, 143, 176
Decimal	14454704
CIE Lab	68.00, 33.73, -5.13
CIE LCh	68, 34.121, 351.355
Yxy	37.9720, 0.3599, 0.2898
Android (android.graphics.Color)	4292644784 (0xFFDC8FB0)
YUV	169.7850, 3.0640, 44.0386
Hunter-Lab	61.6215, 28.7370, -1.0235

Details

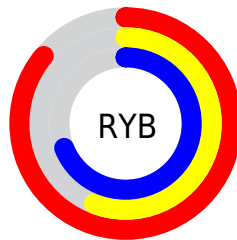
The CIELCh color **68, 34.121, 351.355** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82, 32.107, 164.208**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **86, 27.073, 340.590**, and **48, 34.529, 351.081** is the 20% darker color. If you saturate the color by 10%, you get **63, 43.798, 352.806**, and if you desaturate by 10%, it is **73, 24.224, 350.120**.

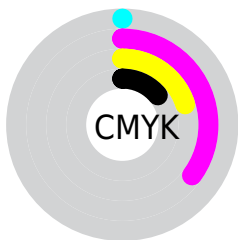
Distribution



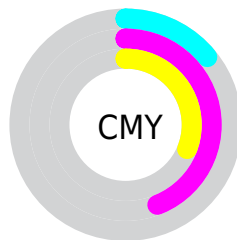
- Red (86%)
- Green (56%)
- Blue (69%)



- Red (86%)
- Yellow (56%)
- Blue (69%)



- Cyan (0%)
- Magenta (35%)
- Yellow (20%)
- Black (14%)





- Cyan (14%)
- Magenta (44%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 68, 34.121, 351.355 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, 34.121, 351.355 by changing the saturation by 10% instead.


 68, 34.121,
351.355


 68, 34.121,
351.355


 100, 34.121,
351.355


 58, 34.121,
351.355


 88, 34.121,
351.355

 48, 34.121,
351.355

 98, 34.121,
351.355

 38, 34.121,
351.355

 28, 34.121,
351.355

 18, 34.121,
351.355

 8, 34.121, 351.355

 0, 34.121, 351.355

68, 34.121,
351.355

68, 34.121,
351.355

63, 43.798,
352.806

73, 24.224,
350.120

58, 52.894,
354.547

79, 14.372,
349.038

54, 60.934,
356.693

85, 4.726, 348.028

91, 4.625, 167.381

51, 67.424,
359.392

97, 13.638,
166.550

49, 72.001, 2.821

98, 12.079,
189.830

47, 74.659, 7.136

47, 75.617, 9.529

98, 11.818,
198.716

Harmonies

Complementary

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



68, 34.121, 351.355



82, 32.107, 164.208

Rectangle

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



68, 34.121, 351.355



68, 34.121, 41.355



68, 34.121, 171.355



68, 34.121, 221.355

Sweetspot

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



68, 34.118, 351.357



93, 11.816, 348.644



66, 45.178, 312.969



49, 7.955, 348.780



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, 34.118, 351.357



74, 46.143, 352.396



68, 29.827, 27.528



43, 5.383, 348.479



37, 63.271, 8.638



6, 24.472, 359.382

Inverse Universe

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



68, 34.118, 351.357



74, 46.143, 352.396



82, 23.159, 204.644



43, 5.383, 348.479



37, 63.271, 8.638



6, 24.472, 359.382

Previews

White Background



This preview shows how the CIELCh color 68, 34.121, 351.355 looks on a white background.

Color Contrast Check

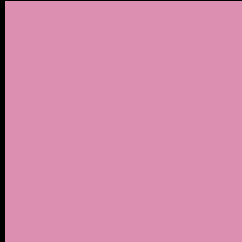
Large Text (above 18pt) WCAG AA × Fail

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, 34.121, 351.355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

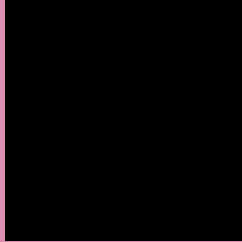
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 34.121, 351.355

Background



This preview shows how black text looks on a background with the CIELCh color 68, 34.121, 351.355.



This preview shows how white text looks on a background with the CIELCh color 68, 34.121, 351.355.

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



Original Color
68, 34.121, 351.355

Protanopia
68, 13.791, 287.161

Deuteranopia
68, 9.513, 336.334



Tritanopia
68, 29.169, 10.640

Trichromacy



Original Color
68, 34.121, 351.355

Protanomaly
68, 18.233, 323.251

Deuteranomaly
68, 18.752, 345.444

Tritanomaly
68, 30.587, 2.958

Monochromacy



Original Color
68, 34.121, 351.355

Achromatopsia
70, 0.009, 296.813

Achromatomaly
69, 12.553, 349.011

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 34.121, 351.355 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(220, 143, 176)` looks like.

```
.text, #text, p{  
    color:rgb(220, 143, 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(220, 143, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 143, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 34.121, 351.355 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(220, 143, 176) }
```

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

```
.border{ border-color:rgb(220, 143, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 143, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(220, 143, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(220, 143, 176); box-shadow:4px 4px 4px 4px rgb(220, 143, 176) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 34.121, 351.355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 143, 176) }
```

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

```
.background{ background-color: rgb(220,  
143, 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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