

Converting Colors

CIELCh(68, 48.734, 335.257)

Have a look what the booklet for
CIELCh(68, 48.734, 335.257)
contains.

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Color

CIELCh(68, 48.702, 335.284)

Conversions

Conversions Part 1

Format	Color
Hex	E287CB
RGB	226, 135, 203
RGB Percent	89%, 53%, 80%
CMY	0.1123, 0.4693, 0.2026
CMYK	0.00, 0.40, 0.10, 0.11
HSL	315°, 61%, 71%
HSV	315°, 40%, 89%
XYZ	51.0034, 37.9720, 61.3520
YIQ	169.9610, 32.4080, 40.4400

Conversions

Conversions Part 2

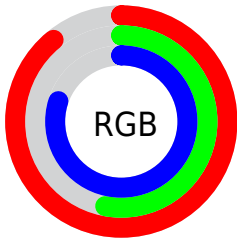
Format	Color
R _Y B	226, 135, 203
Decimal	14845899
CIE Lab	68.00, 44.24, -20.36
CIE LCh	68, 48.702, 335.284
Yxy	37.9720, 0.3393, 0.2526
Android (android.graphics.Color)	4293035979 (0xFFE287CB)
YUV	169.9610, 16.2882, 49.1462
Hunter-Lab	61.6215, 39.9050, -15.8957

Details

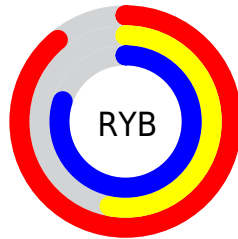
The CIELCh color $68, 48.702, 335.284$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $83, 48.386, 149.003$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $85, 40.756, 325.838$, and $48, 49.056, 335.138$ is the 20% darker color. If you saturate the color by 10%, you get $63, 59.805, 336.099$, and if you desaturate by 10%, it is $73, 36.844, 334.518$.

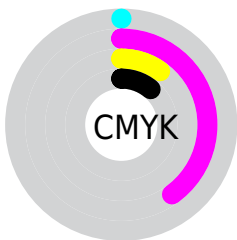
Distribution



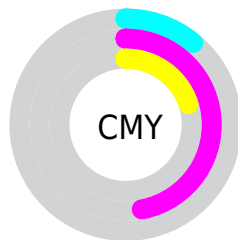
- Red (89%)
- Green (53%)
- Blue (80%)



- Red (89%)
- Yellow (53%)
- Blue (80%)



- Cyan (0%)
- Magenta (40%)
- Yellow (10%)
- Black (11%)



- Cyan (11%)
- Magenta (47%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 68, 48.702, 335.284 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, 48.702, 335.284 by changing the saturation by 10% instead.

 68, 48.702,
335.284

 68, 48.702,
335.284

 100, 48.702,
335.284

 58, 48.702,
335.284

 88, 48.702,
335.284

 48, 48.702,
335.284

 98, 48.702,
335.284

 38, 48.702,
335.284

 28, 48.702,
335.284

 18, 48.702,
335.284

 8, 48.702, 335.284

 0, 48.702, 335.284

68, 48.702,
335.284

68, 48.702,
335.284

63, 59.805,
336.099

73, 36.844,
334.518

59, 69.647,
336.976

78, 24.644,
333.789

56, 77.646,
337.942

84, 12.387,
333.087

53, 83.273,
339.037

90, 0.265, 331.117

52, 86.223,
340.316

96, 11.605,
151.872

51, 86.857,
341.776

98, 13.453,
157.569

98, 11.640,
168.139

98, 10.330,
181.901

Harmonies

Complementary

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



68, 48.702, 335.284



83, 48.386, 149.003

Rectangle

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



68, 48.702, 335.284



68, 48.702, 25.284



68, 48.702, 155.284



68, 48.702, 205.284

Sweetspot

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



68, 48.699, 335.284



92, 16.051, 333.217



62, 51.718, 303.154



48, 10.655, 333.309



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, 48.699, 335.284



72, 63.225, 335.940



67, 37.637, 4.531



44, 6.835, 333.033



39, 72.163, 341.491



7, 30.291, 338.837

Inverse Universe

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



68, 48.699, 335.284



72, 63.225, 335.940



84, 32.530, 175.444



44, 6.835, 333.033



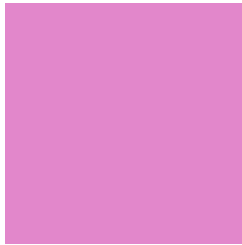
39, 72.163, 341.491



7, 30.291, 338.837

Previews

White Background



This preview shows how the CIELCh color 68, 48.702, 335.284 looks on a white background.

Color Contrast Check

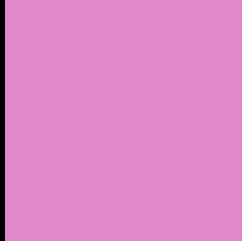
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 68, 48.702, 335.284 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

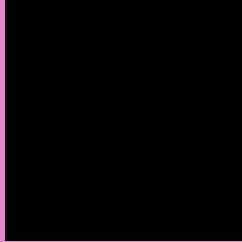
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 68, 48.702, 335.284

Background



This preview shows how black text looks on a background with the CIELCh color 68, 48.702, 335.284.

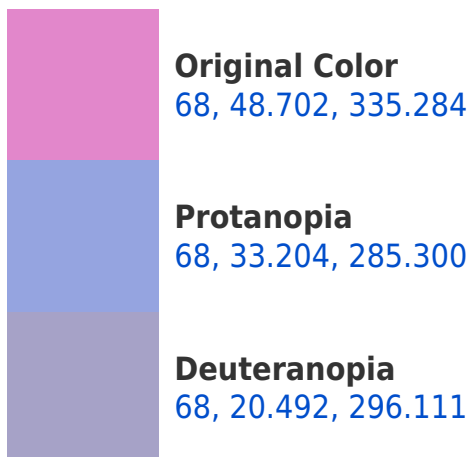


This preview shows how white text looks on a background with the CIELCh color 68, 48.702, 335.284.

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, 48.702, 335.284



Protanomaly
68, 35.255, 306.139



Deuteranomaly
68, 29.998, 317.862

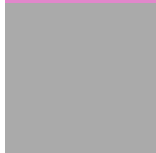


Tritanomaly
68, 35.595, 354.083

Monochromacy



Original Color
68, 48.702, 335.284



Achromatopsia
70, 0.009, 296.813



Achromatomaly
68, 18.481, 333.172

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 68, 48.702, 335.284 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(226, 135, 203)` looks like.

```
.text, #text, p{  
    color:rgb(226, 135, 203)  
}
```

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(226, 135, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 135, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 68, 48.702, 335.284 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(226, 135, 203) }
```

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

```
.border{ border-color:rgb(226, 135, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 135, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 135, 203); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 135, 203); box-shadow:4px 4px 4px 4px rgb(226, 135, 203) }
```

Background

The CSS property to change the background color of an element to CIELCh 68, 48.702, 335.284 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 135, 203) }
```

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

```
.background{ background-color: rgb(226,  
135, 203) }
```

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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