

Converting Colors

CIELCh(66, 51.322, 343.096)

Have a look what the booklet for
CIELCh(66, 51.322, 343.096)
contains.

CIELCh(66, 51.035, 343.402)	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(66, 51.035, 343.402)

Conversions

Conversions Part 1

Format	Color
Hex	E87DBC
RGB	232, 125, 188
RGB Percent	91%, 49%, 74%
CMY	0.0914, 0.5108, 0.2638
CMYK	0.00, 0.46, 0.19, 0.09
HSL	325°, 70%, 70%
HSV	325°, 46%, 91%
XYZ	49.5293, 35.3238, 51.6286
YIQ	164.1750, 43.5490, 42.2770

Conversions

Conversions Part 2

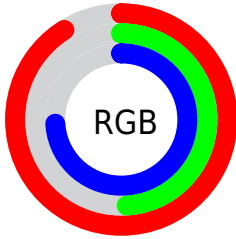
Format	Color
R _Y B	232, 125, 188
Decimal	15236540
CIE Lab	66.00, 48.91, -14.58
CIE LCh	66, 51.035, 343.402
Yxy	35.3238, 0.3629, 0.2588
Android (android.graphics.Color)	4293426620 (0xFFE87DBC)
YUV	164.1750, 11.7457, 59.4825
Hunter-Lab	59.4338, 44.7441, -9.9000

Details

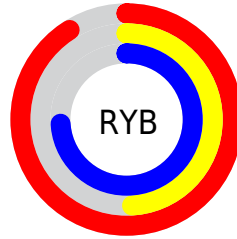
The CIELCh color **66, 51.035, 343.402** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84, 49.593, 154.598**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 42.515, 330.538**, and **46, 50.926, 343.247** is the 20% darker color. If you saturate the color by 10%, you get **61, 60.805, 344.680**, and if you desaturate by 10%, it is **71, 40.351, 342.293**.

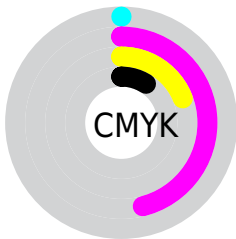
Distribution



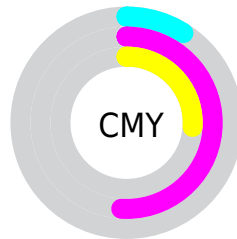
- Red (91%)
- Green (49%)
- Blue (74%)



- Red (91%)
- Yellow (49%)
- Blue (74%)



- Cyan (0%)
- Magenta (46%)
- Yellow (19%)
- Black (9%)





- Cyan (9%)
- Magenta (51%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 51.035, 343.402 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 66, 51.035, 343.402 by changing the saturation by 10% instead.


 66, 51.035,
343.402


 66, 51.035,
343.402


 100, 51.035,
343.402


 56, 51.035,
343.402


 86, 51.035,
343.402

 46, 51.035,
343.402

 96, 51.035,
343.402

 36, 51.035,
343.402

 26, 51.035,
343.402

 16, 51.035,
343.402

 6, 51.035, 343.402

 0, 51.035, 343.402

66, 51.035,
343.402

66, 51.035,
343.402

61, 60.805,
344.680

71, 40.351,
342.293

58, 69.116,
346.191

77, 29.214,
341.307

54, 75.394,
348.027

82, 17.952,
340.411

52, 79.220,
350.311

88, 6.785, 339.563

51, 80.550,
353.173

94, 4.152, 158.981

51, 80.700,
354.386

98, 9.663, 166.596

98, 7.973, 196.813

98, 7.954, 198.986

Harmonies

Complementary

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



66, 51.035, 343.402



84, 49.593, 154.598

Rectangle

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



66, 51.035, 343.402



66, 51.035, 33.402



66, 51.035, 163.402



66, 51.035, 213.402

Sweetspot

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



66, 51.032, 343.403



91, 16.774, 340.232



61, 61.586, 308.315



47, 11.601, 340.418



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



66, 51.032, 343.403



68, 64.505, 344.560



65, 44.161, 17.034



45, 6.221, 339.843



39, 66.579, 353.775



7, 28.692, 348.536

Inverse Universe

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



66, 51.032, 343.403



68, 64.505, 344.560



86, 33.756, 187.489



45, 6.221, 339.843



39, 66.579, 353.775



7, 28.692, 348.536

Previews

White Background



This preview shows how the CIELCh color 66, 51.035, 343.402 looks on a white background.

Color Contrast Check

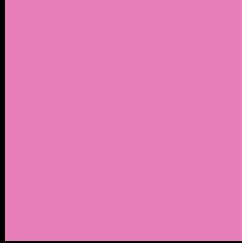
Large Text (above 18pt) WCAG AA × Fail

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 66, 51.035, 343.402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

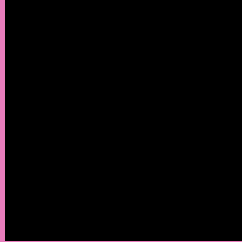
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 51.035, 343.402

Background



This preview shows how black text looks on a background with the CIELCh color 66, 51.035, 343.402.

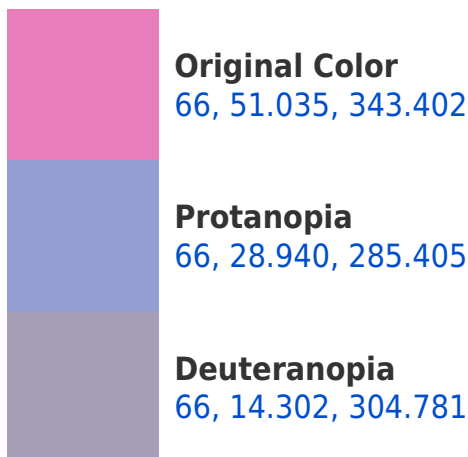


This preview shows how white text looks on a background with the CIELCh color 66, 51.035, 343.402.

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
66, 38.073, 15.443

Trichromacy



Original Color
66, 51.035, 343.402



Protanomaly
65, 33.055, 312.170



Deuteranomaly
65, 27.237, 329.704



Tritanomaly
66, 40.973, 1.630

Monochromacy



Original Color
66, 51.035, 343.402



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 19.486, 340.735

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 51.035, 343.402 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(232, 125, 188)` looks like.

```
.text, #text, p{  
    color:rgb(232, 125, 188)  
}
```

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(232, 125, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 125, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 51.035, 343.402 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(232, 125, 188) }
```

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

```
.border{ border-color:rgb(232, 125, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 125, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 125, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 125, 188); box-shadow:4px 4px 4px 4px rgb(232, 125, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 51.035, 343.402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 125, 188) }
```

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

```
.background{ background-color: rgb(232,  
125, 188) }
```

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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