

Converting Colors

CIELCh(66, 41.481, 357.523)

Have a look what the booklet for
CIELCh(66, 41.481, 357.523)
contains.

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Color

CIELCh(66, 41.302, 357.695)

Conversions

Conversions Part 1

Format	Color
Hex	E483A5
RGB	228, 131, 165
RGB Percent	89%, 51%, 65%
CMY	0.1069, 0.4872, 0.3539
CMYK	0.00, 0.43, 0.28, 0.11
HSL	339°, 64%, 70%
HSV	339°, 43%, 89%
XYZ	46.7612, 35.3238, 39.8333
YIQ	163.8790, 46.8980, 31.1380

Conversions

Conversions Part 2

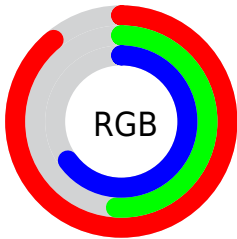
Format	Color
R _Y B	228, 131, 165
Decimal	14975909
CIE Lab	66.00, 41.27, -1.66
CIE LCh	66, 41.302, 357.695
Yxy	35.3238, 0.3835, 0.2897
Android (android.graphics.Color)	4293165989 (0xFFE483A5)
YUV	163.8790, 0.5527, 56.2341
Hunter-Lab	59.4338, 36.4305, 1.8668

Details

The CIELCh color **66, 41.302, 357.695** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **84, 37.210, 168.052**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **83, 30.731, 346.564**, and **46, 41.061, 357.907** is the 20% darker color. If you saturate the color by 10%, you get **61, 50.792, 359.575**, and if you desaturate by 10%, it is **71, 31.440, 356.151**.

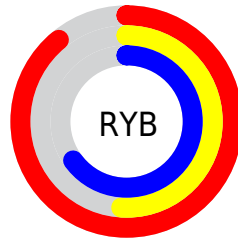
Distribution



Red (89%)

Green (51%)

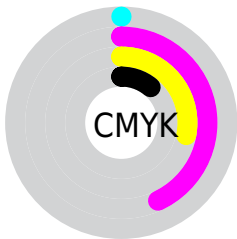
Blue (65%)



Red (89%)

Yellow (51%)

Blue (65%)

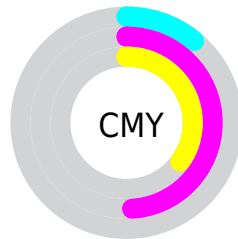


Cyan (0%)

Magenta (43%)

Yellow (28%)

Black (11%)



Cyan (11%)


Magenta (49%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 41.302, 357.695 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, 41.302, 357.695 by changing the saturation by 10% instead.


 66, 41.302,
357.695


 66, 41.302,
357.695


 100, 41.302,
357.695


 56, 41.302,
357.695


 86, 41.302,
357.695

 46, 41.302,
357.695

 96, 41.302,
357.695

 36, 41.302,
357.695

 26, 41.302,
357.695

 16, 41.302,
357.695

 6, 41.302, 357.695

 0, 41.302, 357.695

66, 41.302,
357.695

66, 41.302,
357.695

61, 50.792,
359.575

71, 31.440,
356.151

57, 59.486, 1.910

77, 21.538,
354.847

53, 66.906, 4.862

83, 11.810,
353.715

51, 72.679, 8.611

49, 76.751, 13.297

89, 2.382, 352.574

48, 79.093, 17.248

95, 6.685, 172.002

98, 9.346, 194.143

98, 9.273, 198.891

Harmonies

Complementary

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



66, 41.302, 357.695



84, 37.210, 168.052

Rectangle

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



66, 41.302, 357.695



66, 41.302, 47.695



66, 41.302, 177.695



66, 41.302, 227.695

Sweetspot

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



66, 41.299, 357.697



91, 13.388, 353.769



64, 57.300, 315.448



47, 9.404, 354.010



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, 41.299, 357.697



69, 54.058, 359.316



68, 36.500, 33.679



45, 5.336, 353.384



38, 65.686, 16.268



7, 26.742, 5.519

Inverse Universe

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



66, 41.299, 357.697



69, 54.058, 359.316



81, 26.453, 212.898



45, 5.336, 353.384



38, 65.686, 16.268



7, 26.742, 5.519

Previews

White Background



This preview shows how the CIELCh color 66, 41.302, 357.695 looks on a white background.

Color Contrast Check

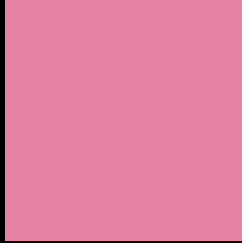
Large Text (above 18pt) WCAG AA × Fail

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 66, 41.302, 357.695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

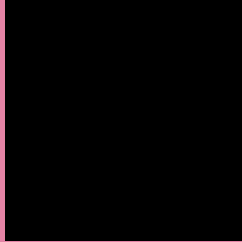
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 41.302, 357.695

Background



This preview shows how black text looks on a background with the CIELCh color 66, 41.302, 357.695.

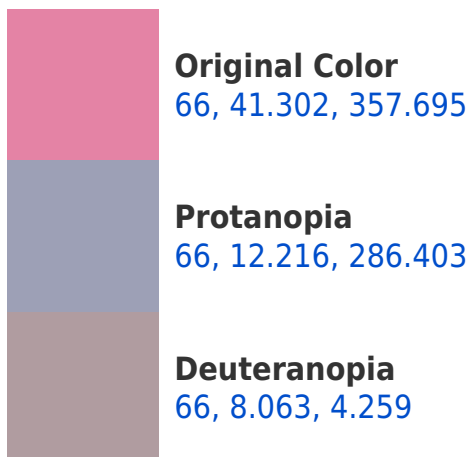


This preview shows how white text looks on a background with the CIELCh color 66, 41.302, 357.695.

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, 37.668, 15.305

Trichromacy



Original Color
66, 41.302, 357.695



Protanomaly
66, 19.683, 331.888



Deuteranomaly
66, 20.394, 357.664



Tritanomaly
66, 38.600, 8.334

Monochromacy



Original Color
66, 41.302, 357.695



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 15.059, 354.881

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 41.302, 357.695 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(228, 131, 165)` looks like.

```
.text, #text, p{  
    color:rgb(228, 131, 165)  
}
```

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(228, 131, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 131, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 41.302, 357.695 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(228, 131, 165) }
```

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

```
.border{ border-color:rgb(228, 131, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 131, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 131, 165); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 131, 165); box-shadow:4px 4px 4px 4px rgb(228, 131, 165) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 41.302, 357.695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 131, 165) }
```

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

```
.background{ background-color: rgb(228,  
131, 165) }
```

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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