

Converting Colors

CIELCh(66, 51.476, 345.496)

Have a look what the booklet for
CIELCh(66, 51.476, 345.496)
contains.

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Color

CIELCh(66, 51.264, 345.411)

Conversions

Conversions Part 1

Format	Color
Hex	EA7CB9
RGB	234, 124, 185
RGB Percent	92%, 49%, 73%
CMY	0.0831, 0.5144, 0.2752
CMYK	0.00, 0.47, 0.21, 0.08
HSL	327°, 72%, 70%
HSV	327°, 47%, 92%
XYZ	49.7892, 35.3238, 49.9919
YIQ	163.8440, 45.9790, 42.2910

Conversions

Conversions Part 2

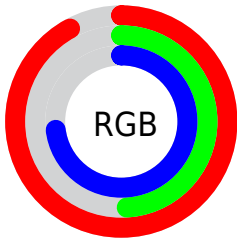
Format	Color
R _Y B	234, 124, 185
Decimal	15367353
CIE Lab	66.00, 49.61, -12.91
CIE LCh	66, 51.264, 345.411
Yxy	35.3238, 0.3685, 0.2615
Android (android.graphics.Color)	4293557433 (0xFFEA7CB9)
YUV	163.8440, 10.4299, 61.5268
Hunter-Lab	59.4338, 45.5248, -8.2672

Details

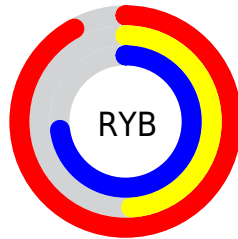
The CIELCh color $66, 51.264, 345.411$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $85, 49.404, 156.055$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $82, 41.976, 331.884$, and $46, 51.558, 345.334$ is the 20% darker color. If you saturate the color by 10%, you get $61, 60.871, 346.818$, and if you desaturate by 10%, it is $71, 40.733, 344.208$.

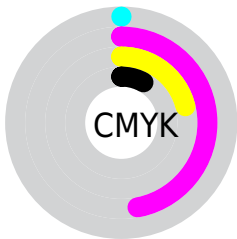
Distribution



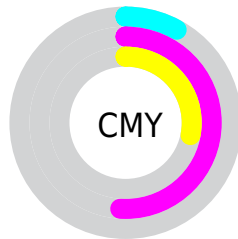
- Red (92%)
- Green (49%)
- Blue (73%)



- Red (92%)
- Yellow (49%)
- Blue (73%)



- Cyan (0%)
- Magenta (47%)
- Yellow (21%)
- Black (8%)





- Cyan (8%)
- Magenta (51%)
- Yellow (28%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 51.264, 345.411 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, 51.264, 345.411 by changing the saturation by 10% instead.


 66, 51.264,
345.411


 66, 51.264,
345.411


 100, 51.264,
345.411


 56, 51.264,
345.411


 86, 51.264,
345.411

 46, 51.264,
345.411

 96, 51.264,
345.411

 36, 51.264,
345.411

 26, 51.264,
345.411

 16, 51.264,
345.411

 6, 51.264, 345.411

 0, 51.264, 345.411

66, 51.264,
345.411

66, 51.264,
345.411

61, 60.871,
346.818

71, 40.733,
344.208

58, 69.007,
348.505

77, 29.746,
343.152

54, 75.107,
350.583

82, 18.635,
342.204

52, 78.784,
353.194

88, 7.623, 341.321

94, 3.154, 160.739

51, 80.076,
356.472

98, 8.385, 171.033

51, 80.253,
357.527

99, 7.253, 199.038

Harmonies

Complementary

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



66, 51.264, 345.411



85, 49.404, 156.055

Rectangle

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



66, 51.264, 345.411



66, 51.264, 35.411



66, 51.264, 165.411



66, 51.264, 215.411

Sweetspot

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



66, 51.261, 345.412



91, 16.385, 341.938



61, 63.411, 309.402



47, 11.334, 342.131



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, 51.261, 345.412



67, 64.256, 346.700



65, 45.672, 19.720



46, 6.185, 341.535



39, 66.421, 356.859



8, 29.205, 351.178

Inverse Universe

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



66, 51.261, 345.412



67, 64.256, 346.700



86, 33.903, 190.595



46, 6.185, 341.535



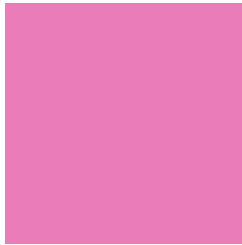
39, 66.421, 356.859



8, 29.205, 351.178

Previews

White Background



This preview shows how the CIELCh color 66, 51.264, 345.411 looks on a white background.

Color Contrast Check

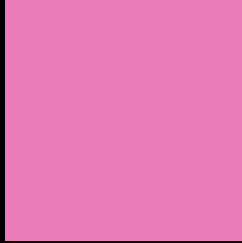
Large Text (above 18pt) WCAG AA × Fail

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, 51.264, 345.411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

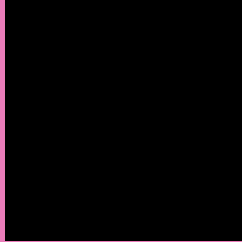
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 51.264, 345.411

Background



This preview shows how black text looks on a background with the CIELCh color 66, 51.264, 345.411.



This preview shows how white text looks on a background with the CIELCh color 66, 51.264, 345.411.

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

66, 51.264, 345.411

Protanopia

66, 27.818, 285.597

Deuteranopia

66, 12.907, 309.610



Tritanopia
66, 39.787, 16.042

Trichromacy



Original Color
66, 51.264, 345.411



Protanomaly
65, 32.288, 314.025



Deuteranomaly
66, 26.474, 333.345

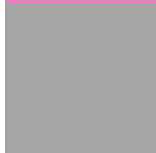


Tritanomaly
66, 42.476, 2.731

Monochromacy



Original Color
66, 51.264, 345.411



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 19.795, 341.516

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 51.264, 345.411 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(234, 124, 185)` looks like.

```
.text, #text, p{  
    color:rgb(234, 124, 185)  
}
```

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(234, 124, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 124, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 51.264, 345.411 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(234, 124, 185) }
```

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

```
.border{ border-color:rgb(234, 124, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 124, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 124, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 124, 185);  
box-shadow:4px 4px 4px 4px rgb(234, 124,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 51.264, 345.411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 124, 185) }
```

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

```
.background{ background-color: rgb(234,  
124, 185) }
```

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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