

Converting Colors

CIELCh(66, 52.916, 348.347)

Have a look what the booklet for
CIELCh(66, 52.916, 348.347)
contains.

CIELCh(66, 52.932, 348.163)	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, 52.932, 348.163)

Conversions

Conversions Part 1

Format	Color
Hex	EE79B5
RGB	238, 121, 181
RGB Percent	93%, 47%, 71%
CMY	0.0654, 0.5243, 0.2891
CMYK	0.00, 0.49, 0.24, 0.07
HSL	329°, 78%, 71%
HSV	329°, 49%, 93%
XYZ	50.6072, 35.3238, 48.0211
YIQ	162.8230, 50.4720, 43.4640

Conversions

Conversions Part 2

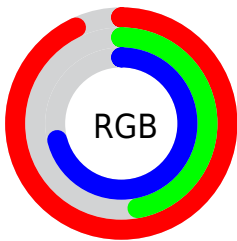
Format	Color
R _Y B	238, 121, 181
Decimal	15628725
CIE Lab	66.00, 51.81, -10.86
CIE LCh	66, 52.932, 348.163
Yxy	35.3238, 0.3778, 0.2637
Android (android.graphics.Color)	4293818805 (0xFFEE79B5)
YUV	162.8230, 8.9613, 65.9302
Hunter-Lab	59.4338, 47.9815, -6.3012

Details

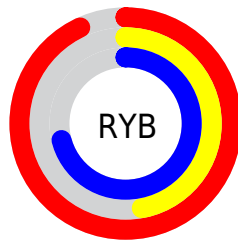
The CIELCh color **66, 52.932, 348.163** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **86, 50.367, 157.809**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 42.321, 333.602**, and **46, 52.720, 348.151** is the 20% darker color. If you saturate the color by 10%, you get **61, 62.311, 349.772**, and if you desaturate by 10%, it is **71, 42.564, 346.813**.

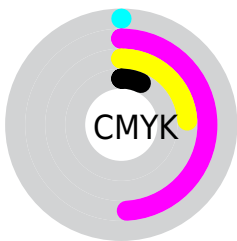
Distribution



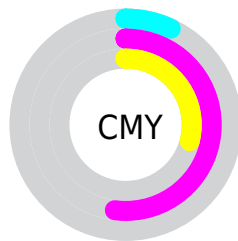
- Red (93%)
- Green (47%)
- Blue (71%)



- Red (93%)
- Yellow (47%)
- Blue (71%)



- Cyan (0%)
- Magenta (49%)
- Yellow (24%)
- Black (7%)





- Cyan (7%)
- Magenta (52%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 52.932, 348.163 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, 52.932, 348.163 by changing the saturation by 10% instead.

 66, 52.932,
348.163


 66, 52.932,
348.163


 100, 52.932,
348.163


 56, 52.932,
348.163


 86, 52.932,
348.163

 46, 52.932,
348.163

 96, 52.932,
348.163

 36, 52.932,
348.163

 26, 52.932,
348.163

 16, 52.932,
348.163

 6, 52.932, 348.163

 0, 52.932, 348.163

66, 52.932,
348.163

66, 52.932,
348.163

61, 62.311,
349.772

71, 42.564,
346.813

58, 70.143,
351.738

77, 31.695,
345.648

55, 75.888,
354.198

83, 20.679,
344.620

53, 79.241,
357.313

89, 9.752, 343.683

52, 80.492, 1.178

95, 0.939, 163.393

51, 80.581, 1.541

99, 6.157, 179.629

99, 5.734, 199.158

Harmonies

Complementary

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



66, 52.932, 348.163



86, 50.367, 157.809

Rectangle

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



66, 52.932, 348.163



66, 52.932, 38.163



66, 52.932, 168.163



66, 52.932, 218.163

Sweetspot

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



66, 52.929, 348.164



90, 17.087, 344.233



61, 67.566, 311.066



47, 11.682, 344.434



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, 52.929, 348.164



65, 65.688, 349.792



64, 49.321, 23.830



47, 6.118, 343.718



39, 66.370, 0.779



8, 29.567, 354.593

Inverse Universe

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



66, 52.929, 348.164



65, 65.688, 349.792



88, 34.784, 195.467



47, 6.118, 343.718



39, 66.370, 0.779



8, 29.567, 354.593

Previews

White Background



This preview shows how the CIELCh color 66, 52.932, 348.163 looks on a white background.

Color Contrast Check

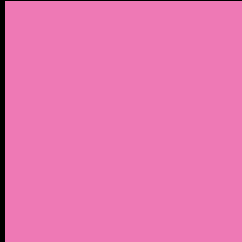
Large Text (above 18pt) WCAG AA × Fail

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, 52.932, 348.163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

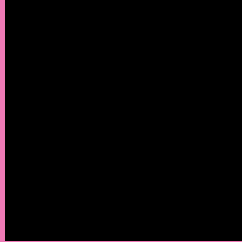
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 52.932, 348.163

Background



This preview shows how black text looks on a background with the CIELCh color 66, 52.932, 348.163.



This preview shows how white text looks on a background with the CIELCh color 66, 52.932, 348.163.

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, 52.932, 348.163

Protanopia
66, 26.696, 285.824

Deuteranopia
66, 11.809, 317.328



Tritanopia
66, 42.776, 17.706

Trichromacy



Original Color
66, 52.932, 348.163



Protanomaly
65, 32.188, 316.210



Deuteranomaly
65, 27.035, 338.216

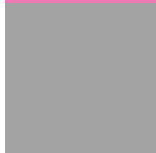


Tritanomaly
66, 44.928, 5.853

Monochromacy



Original Color
66, 52.932, 348.163



Achromatopsia
67, 0.008, 296.813



Achromatomaly
66, 20.091, 344.279

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 52.932, 348.163 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(238, 121, 181)` looks like.

```
.text, #text, p{  
    color:rgb(238, 121, 181)  
}
```

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(238, 121, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 121, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 52.932, 348.163 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(238, 121, 181) }
```

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

```
.border{ border-color:rgb(238, 121, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 121, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 121, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 121, 181);  
box-shadow:4px 4px 4px 4px rgb(238, 121,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 52.932, 348.163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 121, 181) }
```

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

```
.background{ background-color: rgb(238,  
121, 181) }
```

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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