

Converting Colors

CIELCh(66, 52.693, 351.715)

Have a look what the booklet for
CIELCh(66, 52.693, 351.715)
contains.

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Color

CIELCh(66, 52.651, 351.683)

Conversions

Conversions Part 1

Format	Color
Hex	F179B0
RGB	241, 121, 176
RGB Percent	95%, 47%, 69%
CMY	0.0566, 0.5270, 0.3113
CMYK	0.00, 0.50, 0.27, 0.06
HSL	332°, 81%, 71%
HSV	332°, 50%, 94%
XYZ	50.7163, 35.3238, 45.0181
YIQ	163.1500, 53.8650, 42.5450

Conversions

Conversions Part 2

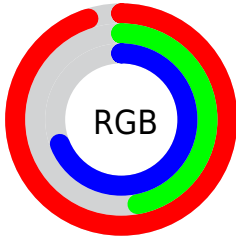
Format	Color
R _Y B	241, 121, 176
Decimal	15825328
CIE Lab	66.00, 52.10, -7.62
CIE LCh	66, 52.651, 351.683
Yxy	35.3238, 0.3870, 0.2695
Android (android.graphics.Color)	4294015408 (0xFFFF179B0)
YUV	163.1500, 6.3350, 68.2745
Hunter-Lab	59.4338, 48.3090, -3.3055

Details

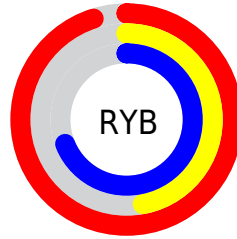
The CIELCh color $66, 52.651, 351.683$ is a light color, and the websafe version is hex `CC6699`. A complement of this color would be $87, 49.110, 160.553$, and the grayscale version is $67, 0.008, 296.813$.

A 20% lighter version of the original color is $81, 40.524, 336.180$, and $46, 52.583, 351.448$ is the 20% darker color. If you saturate the color by 10%, you get $61, 61.924, 353.518$, and if you desaturate by 10%, it is $71, 42.432, 350.169$.

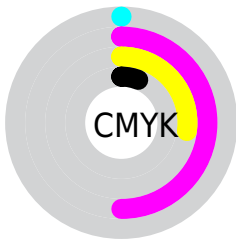
Distribution



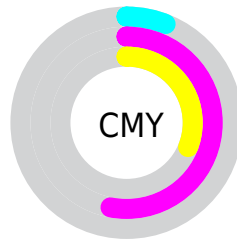
- Red (95%)
- Green (47%)
- Blue (69%)



- Red (95%)
- Yellow (47%)
- Blue (69%)



- Cyan (0%)
- Magenta (50%)
- Yellow (27%)
- Black (6%)





- Cyan (6%)
- Magenta (53%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 52.651, 351.683 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, 52.651, 351.683 by changing the saturation by 10% instead.


 66, 52.651,
351.683


 66, 52.651,
351.683


 100, 52.651,
351.683


 56, 52.651,
351.683


 86, 52.651,
351.683

 46, 52.651,
351.683

 96, 52.651,
351.683

 36, 52.651,
351.683

 26, 52.651,
351.683

 16, 52.651,
351.683

 6, 52.651, 351.683

 0, 52.651, 351.683

66, 52.651,
351.683

66, 52.651,
351.683

61, 61.924,
353.518

71, 42.432,
350.169

58, 69.706,
355.793

77, 31.751,
348.885

55, 75.489,
358.669

83, 20.957,
347.769

53, 79.027, 2.323

89, 10.281,
346.767

52, 80.758, 6.797

95, 0.134, 169.547

52, 80.780, 6.860

99, 5.028, 192.084

99, 4.970, 199.224

Harmonies

Complementary

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



66, 52.651, 351.683



87, 49.110, 160.553

Rectangle

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



66, 52.651, 351.683



66, 52.651, 41.683



66, 52.651, 171.683



66, 52.651, 221.683

Sweetspot

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



66, 52.648, 351.684



90, 16.503, 347.276



62, 69.426, 312.645



47, 11.287, 347.489



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, 52.648, 351.684



65, 65.009, 353.584



65, 49.547, 27.270



47, 5.903, 346.730



39, 65.968, 5.963



8, 29.115, 358.816

Inverse Universe

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



66, 52.648, 351.684



65, 65.009, 353.584



87, 33.991, 200.802



47, 5.903, 346.730



39, 65.968, 5.963



8, 29.115, 358.816

Previews

White Background



This preview shows how the CIELCh color 66, 52.651, 351.683 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, 52.651, 351.683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

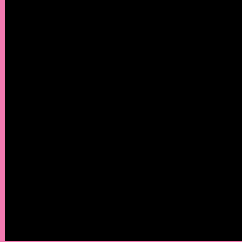
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 52.651, 351.683

Background



This preview shows how black text looks on a background with the CIELCh color 66, 52.651, 351.683.



This preview shows how white text looks on a background with the CIELCh color 66, 52.651, 351.683.

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, 52.651, 351.683

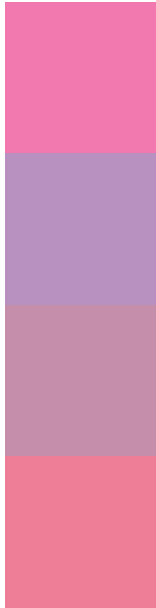
Protanopia
66, 23.357, 285.965

Deuteranopia
66, 9.872, 328.554



Tritanopia
66, 44.913, 18.322

Trichromacy



Original Color
66, 52.651, 351.683

Protanomaly
65, 29.701, 320.793

Deuteranomaly
65, 25.948, 344.097

Tritanomaly
66, 46.431, 7.450

Monochromacy



Original Color
66, 52.651, 351.683

Achromatopsia
67, 0.008, 296.813

Achromatomaly
66, 19.817, 347.627

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 52.651, 351.683 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(241, 121, 176)` looks like.

```
.text, #text, p{  
    color:rgb(241, 121, 176)  
}
```

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(241, 121, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 121, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 52.651, 351.683 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(241, 121, 176) }
```

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

```
.border{ border-color:rgb(241, 121, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 121, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 121, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 121, 176);  
box-shadow:4px 4px 4px 4px rgb(241, 121,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 52.651, 351.683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 121, 176) }
```

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

```
.background{ background-color: rgb(241,  
121, 176) }
```

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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