

Converting Colors

CIELCh(66, 55.288, 352.621)

Have a look what the booklet for
CIELCh(66, 55.288, 352.621)
contains.

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Color

CIELCh(66, 55.139, 352.662)

Conversions

Conversions Part 1

Format	Color
Hex	F576AF
RGB	245, 118, 175
RGB Percent	96%, 46%, 69%
CMY	0.0405, 0.5384, 0.3149
CMYK	0.00, 0.52, 0.29, 0.04
HSL	333°, 86%, 71%
HSV	333°, 52%, 96%
XYZ	51.6942, 35.3238, 44.5003
YIQ	162.4710, 57.3950, 44.6510

Conversions

Conversions Part 2

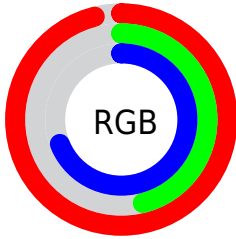
Format	Color
R_{YB}	245, 118, 175
Decimal	16086703
CIE _{Lab}	66.00, 54.69, -7.04
CIE _{LCh}	66, 55.139, 352.662
Yxy	35.3238, 0.3931, 0.2686
Android (android.graphics.Color)	4294276783 (0xFFFF576AF)
YUV	162.4710, 6.1768, 72.3779
Hunter-Lab	59.4338, 51.2461, -2.7889

Details

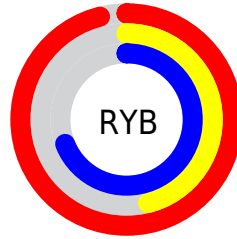
The CIELCh color **66, 55.139, 352.662** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **88, 51.147, 160.782**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 41.047, 337.002**, and **46, 55.227, 352.591** is the 20% darker color. If you saturate the color by 10%, you get **61, 64.270, 354.617**, and if you desaturate by 10%, it is **71, 44.954, 351.062**.

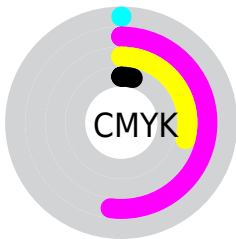
Distribution



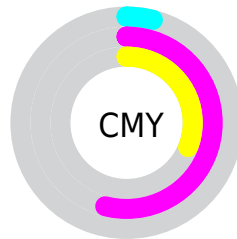
- Red (96%)
- Green (46%)
- Blue (69%)



- Red (96%)
- Yellow (46%)
- Blue (69%)



- Cyan (0%)
- Magenta (52%)
- Yellow (29%)
- Black (4%)





- Cyan (4%)
- Magenta (54%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 66, 55.139, 352.662 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, 55.139, 352.662 by changing the saturation by 10% instead.


 66, 55.139,
352.662


 66, 55.139,
352.662


 100, 55.139,
352.662


 56, 55.139,
352.662


 86, 55.139,
352.662

 46, 55.139,
352.662

 96, 55.139,
352.662

 36, 55.139,
352.662

 26, 55.139,
352.662

 16, 55.139,
352.662

 6, 55.139, 352.662

 0, 55.139, 352.662

66, 55.139,
352.662

66, 55.139,
352.662

61, 64.270,
354.617

71, 44.954,
351.062

58, 71.795,
357.056

77, 34.226,
349.715

55, 77.237, 0.152

83, 23.330,
348.552

53, 80.444, 4.078

89, 12.526,
347.521

52, 81.842, 7.853

95, 1.968, 346.408

99, 3.569, 199.365

Harmonies

Complementary

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



66, 55.139, 352.662



88, 51.147, 160.782

Rectangle

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



66, 55.139, 352.662



66, 55.139, 42.662



66, 55.139, 172.662



66, 55.139, 222.662

Sweetspot

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



66, 55.136, 352.663



90, 17.520, 347.936



62, 73.345, 313.252



46, 11.857, 348.149



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, 55.136, 352.663



64, 66.527, 354.670



66, 51.948, 28.736



48, 5.969, 347.285



40, 66.644, 6.940



9, 29.868, 359.969

Inverse Universe

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



66, 55.136, 352.663



64, 66.527, 354.670



88, 34.840, 202.736



48, 5.969, 347.285



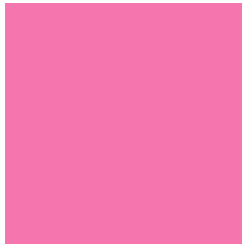
40, 66.644, 6.940



9, 29.868, 359.969

Previews

White Background



This preview shows how the CIELCh color 66, 55.139, 352.662 looks on a white background.

Color Contrast Check

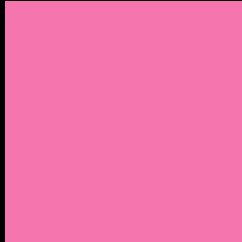
Large Text (above 18pt) WCAG AA × Fail

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, 55.139, 352.662 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

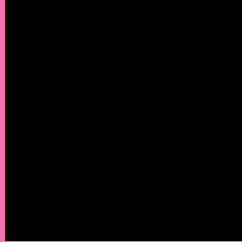
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 66, 55.139, 352.662

Background



This preview shows how black text looks on a background with the CIELCh color 66, 55.139, 352.662.

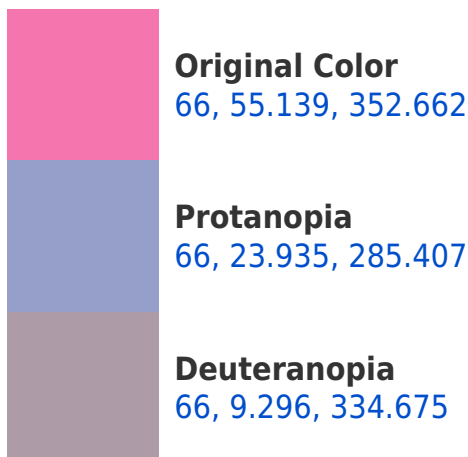


This preview shows how white text looks on a background with the CIELCh color 66, 55.139, 352.662.

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](#).

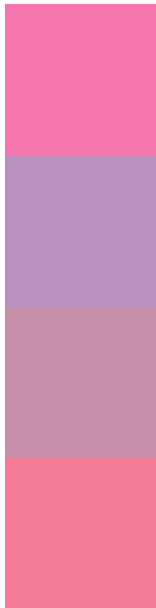
Dichromacy





Tritanopia
66, 47.457, 19.015

Trichromacy



Original Color
66, 55.139, 352.662

Protanomaly
65, 30.365, 320.924

Deuteranomaly
65, 26.590, 346.781

Tritanomaly
66, 48.744, 8.705

Monochromacy



Original Color
66, 55.139, 352.662

Achromatopsia
67, 0.008, 296.813

Achromatomaly
65, 21.097, 348.289

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 66, 55.139, 352.662 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(245, 118, 175)` looks like.

```
.text, #text, p{  
    color:rgb(245, 118, 175)  
}
```

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(245, 118, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 118, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 66, 55.139, 352.662 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(245, 118, 175) }
```

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

```
.border{ border-color:rgb(245, 118, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 118, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 118, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 118, 175);  
box-shadow:4px 4px 4px 4px rgb(245, 118,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 66, 55.139, 352.662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 118, 175) }
```

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

```
.background{ background-color: rgb(245,  
118, 175) }
```

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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