

Converting Colors

CIELCh(65, 53.434, 359.666)

Have a look what the booklet for
CIELCh(65, 53.434, 359.666)
contains.

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Color

CIELCh(65, 53.158, 359.847)

Conversions

Conversions Part 1

Format	Color
Hex	F374A0
RGB	243, 116, 160
RGB Percent	95%, 45%, 63%
CMY	0.0474, 0.5454, 0.3728
CMYK	0.00, 0.52, 0.34, 0.05
HSL	339°, 84%, 70%
HSV	339°, 52%, 95%
XYZ	49.5068, 34.0472, 37.1847
YIQ	158.9890, 61.5680, 40.6080

Conversions

Conversions Part 2

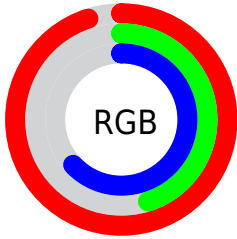
Format	Color
R _Y B	243, 116, 160
Decimal	15955104
CIE Lab	65.00, 53.16, -0.14
CIE LCh	65, 53.158, 359.847
Yxy	34.0472, 0.4100, 0.2820
Android (android.graphics.Color)	4294145184 (0xFFFF374A0)
YUV	158.9890, 0.4984, 73.6776
Hunter-Lab	58.3500, 49.3352, 3.0612

Details

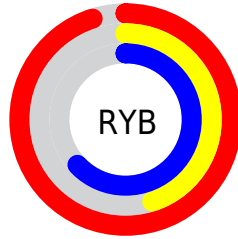
The CIELCh color **65, 53.158, 359.847** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **88, 46.765, 166.976**, and the grayscale version is **65, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 38.179, 345.464**, and **45, 53.112, 359.504** is the 20% darker color. If you saturate the color by 10%, you get **60, 62.339, 2.201**, and if you desaturate by 10%, it is **70, 43.142, 357.958**.

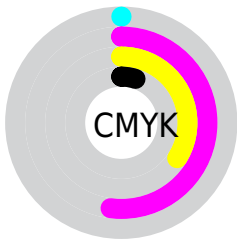
Distribution



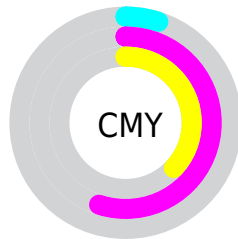
- Red (95%)
- Green (45%)
- Blue (63%)



- Red (95%)
- Yellow (45%)
- Blue (63%)



- Cyan (0%)
- Magenta (52%)
- Yellow (34%)
- Black (5%)





- Cyan (5%)
- Magenta (55%)
- Yellow (37%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 65, 53.158, 359.847 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 65, 53.158, 359.847 by changing the saturation by 10% instead.


 65, 53.158,
359.847


 65, 53.158,
359.847


 100, 53.158,
359.847


 55, 53.158,
359.847


 85, 53.158,
359.847

 45, 53.158,
359.847

 95, 53.158,
359.847

 35, 53.158,
359.847

 25, 53.158,
359.847

 15, 53.158,
359.847

 5, 53.158, 359.847

 0, 53.158, 359.847

65, 53.158,
359.847

65, 53.158,
359.847

60, 62.339, 2.201

70, 43.142,
357.958

57, 70.192, 5.178

76, 32.756,
356.404

54, 76.320, 8.962

52, 80.667, 13.690

82, 22.338,
355.095

51, 83.246, 17.866

88, 12.111,
353.959

94, 2.207, 352.788

99, 4.171, 199.300

Harmonies

Complementary

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



65, 53.158, 359.847



88, 46.765, 166.976

Rectangle

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



65, 53.158, 359.847



65, 53.158, 49.847



65, 53.158, 179.847



65, 53.158, 229.847

Sweetspot

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



65, 53.155, 359.849



89, 16.526, 354.371



63, 74.080, 316.351



46, 11.196, 354.604



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



65, 53.155, 359.849



63, 65.461, 2.437



68, 48.501, 35.946



48, 5.614, 353.662



39, 67.905, 16.842



9, 29.616, 8.073

Inverse Universe

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



65, 53.155, 359.849



63, 65.461, 2.437



84, 32.105, 215.920



48, 5.614, 353.662



39, 67.905, 16.842



9, 29.616, 8.073

Previews

White Background



This preview shows how the CIELCh color 65, 53.158, 359.847 looks on a white background.

Color Contrast Check

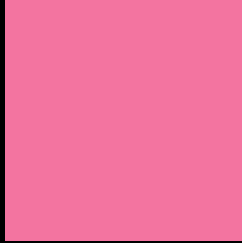
Large Text (above 18pt) WCAG AA × Fail

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 65, 53.158, 359.847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

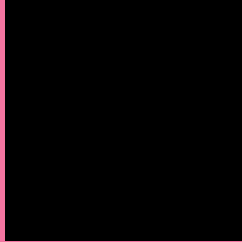
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 65, 53.158, 359.847

Background



This preview shows how black text looks on a background with the CIELCh color 65, 53.158, 359.847.



This preview shows how white text looks on a background with the CIELCh color 65, 53.158, 359.847.

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

65, 53.158, 359.847

Protanopia

65, 15.596, 286.625

Deuteranopia

65, 8.648, 16.519



Tritanopia
65, 48.992, 20.107

Trichromacy



Original Color
65, 53.158, 359.847



Protanomaly
64, 25.047, 333.025



Deuteranomaly
65, 25.149, 1.647



Tritanomaly
65, 49.596, 12.358

Monochromacy



Original Color
65, 53.158, 359.847



Achromatopsia
65, 0.008, 296.813



Achromatomaly
64, 20.320, 355.759

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 65, 53.158, 359.847 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(243, 116, 160)` looks like.

```
.text, #text, p{  
    color:rgb(243, 116, 160)  
}
```

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(243, 116, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 116, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 65, 53.158, 359.847 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(243, 116, 160) }
```

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

```
.border{ border-color:rgb(243, 116, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 116, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 116, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 116, 160);  
box-shadow:4px 4px 4px 4px rgb(243, 116,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 65, 53.158, 359.847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 116, 160) }
```

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

```
.background{ background-color: rgb(243,  
116, 160) }
```

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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