

Converting Colors

CIELCh(53, 82.251, 358.206)

Have a look what the booklet for
CIELCh(53, 82.251, 358.206)
contains.

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Color

CIELCh(53, 82.301, 358.268)

Conversions

Conversions Part 1

Format	Color
Hex	F40686
RGB	244, 6, 134
RGB Percent	96%, 2%, 53%
CMY	0.0437, 0.9784, 0.4749
CMYK	0.00, 0.98, 0.45, 0.04
HSL	328°, 96%, 49%
HSV	328°, 98%, 96%
XYZ	41.6171, 21.0462, 24.3834
YIQ	91.7540, 100.7600, 90.2640

Conversions

Conversions Part 2

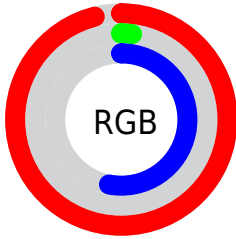
Format	Color
RYB	244, 6, 134
Decimal	15992454
CIELab	53.00, 82.26, -2.49
CIELCh	53, 82.301, 358.268
Yxy	21.0462, 0.4781, 0.2418
Android (android.graphics.Color)	4294182534 (0xFFFF40686)
YUV	91.7540, 20.8273, 133.5197
Hunter-Lab	45.8761, 81.6454, 0.6003

Details

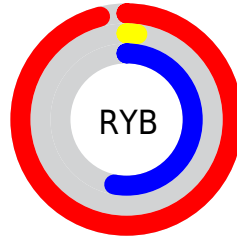
The CIELCh color **53, 82.301, 358.268** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **85, 89.105, 147.360**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 69.428, 346.939**, and **39, 65.305, 4.836** is the 20% darker color. If you saturate the color by 10%, you get **53, 82.450, 359.126**, and if you desaturate by 10%, it is **54, 81.048, 354.748**.

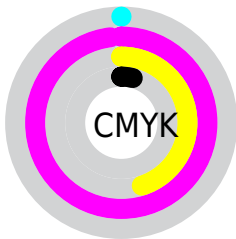
Distribution



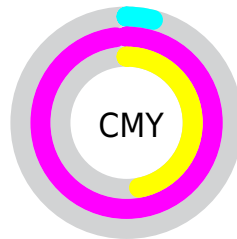
- Red (96%)
- Green (2%)
- Blue (53%)



- Red (96%)
- Yellow (2%)
- Blue (53%)



- Cyan (0%)
- Magenta (98%)
- Yellow (45%)
- Black (4%)





- Cyan (4%)
- Magenta (98%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 82.301, 358.268 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 53, 82.301, 358.268 by changing the saturation by 10% instead.

 53, 82.301,
358.268

 53, 82.301,
358.268


 100, 82.301,
358.268

 43, 82.301,
358.268


 73, 82.301,
358.268

 33, 82.301,
358.268

 83, 82.301,
358.268

 23, 82.301,
358.268

 93, 82.301,
358.268

 13, 82.301,
358.268

 3, 82.301, 358.268

 0, 82.301, 358.268

■ 53, 82.301,
358.268

■ 53, 82.301,
358.268

■ 53, 82.450,
359.126

■ 54, 81.048,
354.748

■ 56, 77.425,
351.942

■ 59, 71.310,
349.716

■ 63, 63.070,
347.923

■ 68, 53.279,
346.440

■ 73, 42.516,
345.180

■ 79, 31.263,
344.082

■ 85, 19.873,

343.103

 91, 8.582, 342.199

Harmonies

Complementary

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



53, 82.301, 358.268



85, 89.105, 147.360

Rectangle

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



53, 82.301, 358.268



53, 82.301, 48.268



53, 82.301, 178.268



53, 82.301, 228.268

Sweetspot

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



53, 82.297, 358.269



82, 33.903, 344.221



38, 121.157, 310.760



41, 23.271, 344.681



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



53, 82.297, 358.269



55, 85.261, 359.230



51, 97.951, 38.009



48, 6.336, 342.356



40, 67.462, 358.405



9, 30.664, 352.950

Inverse Universe

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



53, 82.297, 358.269



55, 85.261, 359.230



87, 50.376, 189.036



48, 6.336, 342.356



40, 67.462, 358.405



9, 30.664, 352.950

Previews

White Background



This preview shows how the CIELCh color 53, 82.301, 358.268 looks on a white background.

Color Contrast Check

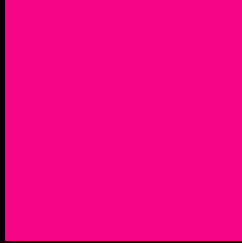
Large Text (above 18pt) WCAG AA ✓ Pass

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 53, 82.301, 358.268 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 × Fail

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

CIELCh 53, 82.301, 358.268

Background



This preview shows how black text looks on a background with the CIELCh color 53, 82.301, 358.268.

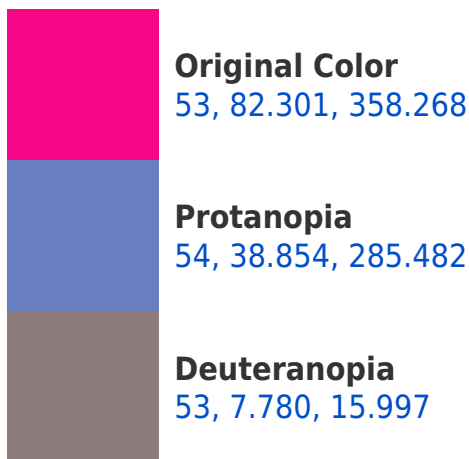


This preview shows how white text looks on a background with the CIELCh color 53, 82.301, 358.268.

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
53, 82.550, 33.100

Trichromacy



Original Color
53, 82.301, 358.268



Protanomaly
47, 57.143, 321.320



Deuteranomaly
48, 46.146, 350.726



Tritanomaly
52, 79.509, 20.212

Monochromacy



Original Color
53, 82.301, 358.268



Achromatopsia
39, 0.005, 296.813



Achromatomaly
39, 42.930, 347.726

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 82.301, 358.268 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(244, 6, 134)` looks like.

```
.text, #text, p{  
    color:rgb(244, 6, 134)  
}
```

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(244, 6, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 6, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 82.301, 358.268 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(244, 6, 134) }
```

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

```
.border{ border-color:rgb(244, 6, 134) }
```

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

Here you see how a box with a 4 pixel rgb(244, 6, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 6, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 6, 134);  
box-shadow:4px 4px 4px 4px rgb(244, 6,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 82.301, 358.268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 6, 134) }
```

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

```
.background{ background-color: rgb(244, 6,  
134) }
```

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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