

Converting Colors

CIELCh(53, 82.862, 1.100)

Have a look what the booklet for
CIELCh(53, 82.862, 1.100) contains.

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Color

CIELCh(53, 82.579, 1.278)

Conversions

Conversions Part 1

Format	Color
Hex	F6007F
RGB	246, 0, 127
RGB Percent	96%, 0%, 50%
CMY	0.0364, 1.0000, 0.5028
CMYK	0.00, 1.00, 0.48, 0.04
HSL	329°, 100%, 48%
HSV	329°, 100%, 96%
XYZ	41.7142, 21.0462, 21.8678
YIQ	88.0320, 105.8490, 91.6490

Conversions

Conversions Part 2

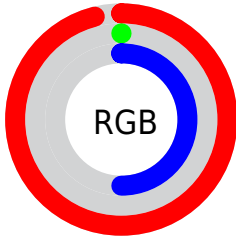
Format	Color
R_{YB}	246, 0, 127
Decimal	16121983
CIE _{Lab}	53.00, 82.56, 1.84
CIE _{LCh}	53, 82.579, 1.278
Yxy	21.0462, 0.4929, 0.2487
Android (android.graphics.Color)	4294312063 (0xFFFF6007F)
YUV	88.0320, 19.2112, 138.5379
Hunter-Lab	45.8761, 82.0232, 3.8515

Details

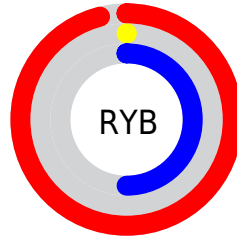
The CIELCh color **53, 82.579, 1.278** is a dark color, and the websafe version is hex **FF3399**. The color can be described as dark saturated rose. A complement of this color would be **86, 88.817, 147.917**, and the grayscale version is **37, 0.005, 296.813**.

A 20% lighter version of the original color is **64, 68.094, 350.049**, and **39, 65.874, 9.082** is the 20% darker color. If you saturate the color by 10%, you get **53, 82.505, 1.305**, and if you desaturate by 10%, it is **54, 81.394, 357.404**.

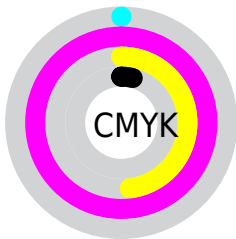
Distribution



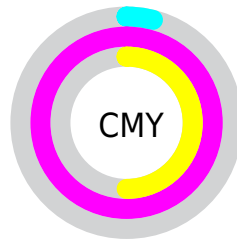
- Red (96%)
- Green (0%)
- Blue (50%)



- Red (96%)
- Yellow (0%)
- Blue (50%)



- Cyan (0%)
- Magenta (100%)
- Yellow (48%)
- Black (4%)



- Cyan (4%)
- Magenta (100%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 82.579, 1.278 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, 82.579, 1.278 by changing the saturation by 10% instead.

 53, 82.579, 1.278

 53, 82.579, 1.278

 100, 82.579, 1.278

 43, 82.579, 1.278

 73, 82.579, 1.278

 33, 82.579, 1.278

 83, 82.579, 1.278

 23, 82.579, 1.278

 93, 82.579, 1.278

 13, 82.579, 1.278


 3, 82.579, 1.278

 0, 82.579, 1.278

 53, 82.579, 1.278

 53, 82.579, 1.278

 53, 82.505, 1.305

 54, 81.394,
357.404

56, 78.230,
354.235

59, 72.590,
351.735

63, 64.753,
349.739

67, 55.259,
348.110

73, 44.696,
346.744

78, 33.569,
345.569

84, 22.257,
344.532

90, 11.018,
343.592

Harmonies

Complementary

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



53, 82.579, 1.278



86, 88.817, 147.917

Rectangle

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



53, 82.579, 1.278



53, 82.579, 51.278



53, 82.579, 181.278



53, 82.579, 231.278

Sweetspot

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



53, 82.505, 1.305



81, 34.593, 345.575



39, 122.006, 311.325



40, 23.610, 346.052



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, 82.505, 1.305



55, 84.839, 1.397



51, 101.009, 39.519



48, 6.239, 343.545



40, 67.092, 0.516



9, 30.414, 354.667

Inverse Universe

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



53, 82.505, 1.305



55, 84.839, 1.397



88, 49.352, 193.816



48, 6.239, 343.545



40, 67.092, 0.516



9, 30.414, 354.667

Previews

White Background



This preview shows how the CIELCh color 53, 82.579, 1.278 looks on a white background.

Color Contrast Check

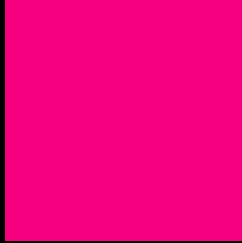
Large Text (above 18pt) WCAG AA ✓ Pass

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, 82.579, 1.278 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, 82.579, 1.278

Background



This preview shows how black text looks on a background with the CIELCh color 53, 82.579, 1.278.



This preview shows how white text looks on a background with the CIELCh color 53, 82.579, 1.278.

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

53, 82.579, 1.278

Protanopia

54, 33.079, 285.364

Deuteranopia

54, 9.961, 47.543



Tritanopia
53, 84.602, 33.645

Trichromacy



Original Color
53, 82.579, 1.278



Protanomaly
47, 54.566, 325.584



Deuteranomaly
48, 46.055, 356.847



Tritanomaly
53, 81.393, 21.654

Monochromacy



Original Color
53, 82.579, 1.278



Achromatopsia
37, 0.005, 296.813



Achromatomaly
37, 43.249, 349.532

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 82.579, 1.278 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(246, 0, 127)` looks like.

```
.text, #text, p{  
    color:rgb(246, 0, 127)  
}
```

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(246, 0, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 0, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 82.579, 1.278 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(246, 0, 127) }
```

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

```
.border{ border-color:rgb(246, 0, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 0, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 0, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 0, 127);  
box-shadow:4px 4px 4px 4px rgb(246, 0,  
127) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 82.579, 1.278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 0, 127) }
```

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

```
.background{ background-color: rgb(246, 0,  
127) }
```

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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