

Converting Colors

CIELCh(53, 90.334, 340.606)

Have a look what the booklet for
CIELCh(53, 90.334, 340.606)
contains.

CIELCh(53, 90.284, 340.559)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(53, 90.284, 340.559)

Conversions

Conversions Part 1

Format	Color
Hex	EB03B4
RGB	235, 3, 180
RGB Percent	92%, 1%, 71%
CMY	0.0781, 0.9868, 0.2938
CMYK	0.00, 0.99, 0.23, 0.08
HSL	314°, 97%, 47%
HSV	314°, 99%, 92%
XYZ	42.5690, 21.0462, 45.0363
YIQ	92.5460, 81.4550, 104.2310

Conversions

Conversions Part 2

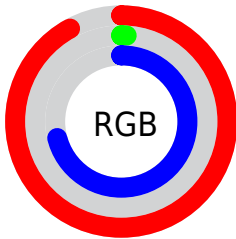
Format	Color
R_{YB}	235, 3, 180
Decimal	15401908
CIE _{Lab}	53.00, 85.14, -30.05
CIE _{LCh}	53, 90.284, 340.559
Yxy	21.0462, 0.3918, 0.1937
Android (android.graphics.Color)	4293591988 (0xFFEB03B4)
YUV	92.5460, 43.1148, 124.9322
Hunter-Lab	45.8761, 85.3492, -26.0913

Details

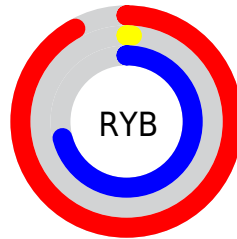
The CIELCh color **53, 90.284, 340.559** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **82, 103.770, 139.362**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 85.061, 331.614**, and **39, 70.739, 342.656** is the 20% darker color. If you saturate the color by 10%, you get **53, 90.322, 340.762**, and if you desaturate by 10%, it is **54, 89.379, 339.206**.

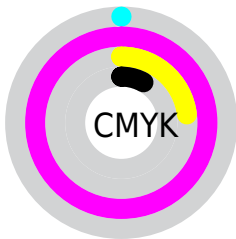
Distribution



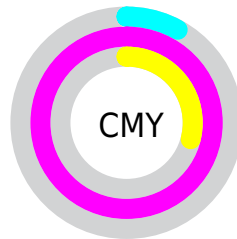
- Red (92%)
- Green (1%)
- Blue (71%)



- Red (92%)
- Yellow (1%)
- Blue (71%)



- Cyan (0%)
- Magenta (99%)
- Yellow (23%)
- Black (8%)





- Cyan (8%)
- Magenta (99%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 90.284, 340.559 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, 90.284, 340.559 by changing the saturation by 10% instead.


 53, 90.284,
340.559


 53, 90.284,
340.559


 100, 90.284,
340.559


 43, 90.284,
340.559


 73, 90.284,
340.559

 33, 90.284,
340.559

 83, 90.284,
340.559

 23, 90.284,
340.559

 93, 90.284,
340.559

 13, 90.284,
340.559

 3, 90.284, 340.559

 0, 90.284, 340.559

■ 53, 90.284,
340.559

■ 53, 90.284,
340.559

■ 53, 90.322,
340.762

■ 54, 89.379,
339.206

■ 56, 85.867,
338.049

■ 59, 79.602,
337.043

■ 62, 70.946,
336.141

■ 66, 60.463,
335.311

■ 71, 48.748,
334.531

■ 77, 36.321,
333.790

■ 82, 23.583,

333.080

■ 88, 10.820,
332.390

Harmonies

Complementary

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



53, 90.284, 340.559



82, 103.770, 139.362

Rectangle

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



53, 90.284, 340.559



53, 90.284, 30.559



53, 90.284, 160.559



53, 90.284, 210.559

Sweetspot

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



53, 90.280, 340.559



82, 40.727, 333.903



32, 122.860, 307.446



41, 27.730, 334.215



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, 90.280, 340.559



57, 95.983, 340.833



50, 83.726, 24.242



46, 7.168, 332.452



41, 74.486, 340.500



8, 32.710, 338.304

Inverse Universe

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



53, 90.280, 340.559



57, 95.983, 340.833



83, 63.607, 164.559



46, 7.168, 332.452



41, 74.486, 340.500



8, 32.710, 338.304

Previews

White Background



This preview shows how the CIELCh color 53, 90.284, 340.559 looks on a white background.

Color Contrast Check

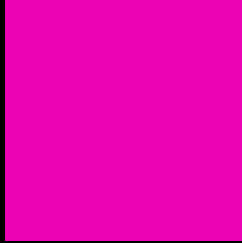
Large Text (above 18pt) WCAG AA ✓ Pass

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, 90.284, 340.559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

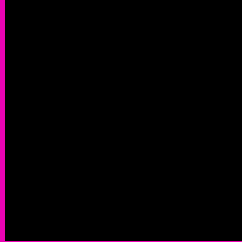
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 90.284, 340.559

Background



This preview shows how black text looks on a background with the CIELCh color 53, 90.284, 340.559.



This preview shows how white text looks on a background with the CIELCh color 53, 90.284, 340.559.

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, 68.536, 28.460

Trichromacy



Original Color
53, 90.284, 340.559



Protanomaly
45, 86.562, 305.025



Deuteranomaly
48, 58.750, 323.156



Tritanomaly
52, 71.933, 6.433

Monochromacy



Original Color
53, 90.284, 340.559



Achromatopsia
39, 0.006, 296.813



Achromatomaly
39, 48.287, 335.884

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 90.284, 340.559 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(235, 3, 180)` looks like.

```
.text, #text, p{  
    color:rgb(235, 3, 180)  
}
```

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(235, 3, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 3, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 90.284, 340.559 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(235, 3, 180) }
```

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

```
.border{ border-color:rgb(235, 3, 180) }
```

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

Here you see how a box with a 4 pixel rgb(235, 3, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 3, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 3, 180);  
box-shadow:4px 4px 4px 4px rgb(235, 3,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 90.284, 340.559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 3, 180) }
```

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

```
.background{ background-color: rgb(235, 3,  
180) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor