

Converting Colors

CIELCh(53, 88.328, 341.568)

Have a look what the booklet for
CIELCh(53, 88.328, 341.568)
contains.

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Color

CIELCh(53, 88.209, 341.588)

Conversions

Conversions Part 1

Format	Color
Hex	EA0FB0
RGB	234, 15, 176
RGB Percent	92%, 6%, 69%
CMY	0.0810, 0.9403, 0.3086
CMYK	0.00, 0.94, 0.25, 0.08
HSL	316°, 88%, 49%
HSV	316°, 94%, 92%
XYZ	42.0892, 21.0462, 43.0804
YIQ	98.8350, 78.8430, 96.4990

Conversions

Conversions Part 2

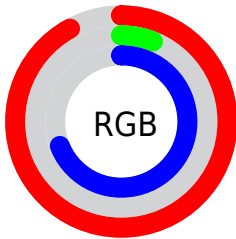
Format	Color
R_YB	234, 15, 176
Decimal	15339440
CIE _{Lab}	53.00, 83.69, -27.86
CIE _{LCh}	53, 88.209, 341.588
Yxy	21.0462, 0.3963, 0.1981
Android (android.graphics.Color)	4293529520 (0xFFEA0FB0)
YUV	98.8350, 38.0423, 118.5397
Hunter-Lab	45.8761, 83.4821, -23.5636

Details

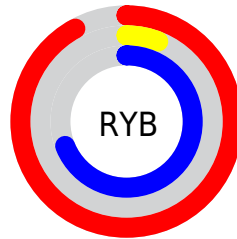
The CIELCh color **53, 88.209, 341.588** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **82, 98.994, 140.995**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 82.702, 332.612**, and **38, 69.566, 343.982** is the 20% darker color. If you saturate the color by 10%, you get **52, 88.389, 342.652**, and if you desaturate by 10%, it is **54, 86.166, 340.142**.

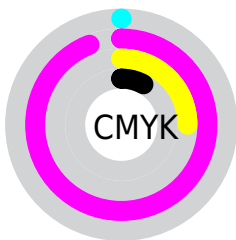
Distribution



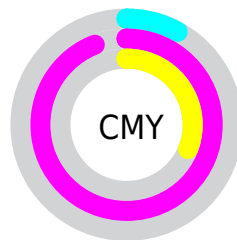
- Red (92%)
- Green (6%)
- Blue (69%)



- Red (92%)
- Yellow (6%)
- Blue (69%)



- Cyan (0%)
- Magenta (94%)
- Yellow (25%)
- Black (8%)





- Cyan (8%)
- Magenta (94%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 88.209, 341.588 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, 88.209, 341.588 by changing the saturation by 10% instead.

 53, 88.209,
341.588


 53, 88.209,
341.588

 100, 88.209,
341.588

 43, 88.209,
341.588


 73, 88.209,
341.588

 33, 88.209,
341.588

 83, 88.209,
341.588

 23, 88.209,
341.588

 93, 88.209,
341.588

 13, 88.209,
341.588

 3, 88.209, 341.588

 0, 88.209, 341.588

■ 53, 88.209,
341.588

■ 53, 88.209,
341.588

■ 52, 88.389,
342.652

■ 54, 86.166,
340.142

■ 57, 81.358,
338.923

■ 60, 73.971,
337.867

■ 64, 64.495,
336.927

■ 69, 53.528,
336.066

■ 74, 41.630,
335.264

■ 79, 29.258,
334.507

■ 85, 16.746,

333.786

■ 91, 4.321, 333.048

Harmonies

Complementary

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



53, 88.209, 341.588



82, 98.994, 140.995

Rectangle

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



53, 88.209, 341.588



53, 88.209, 31.588



53, 88.209, 161.588



53, 88.209, 211.588

Sweetspot

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



53, 88.205, 341.588



83, 37.317, 334.852



33, 119.633, 307.670



41, 25.730, 335.183



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, 88.205, 341.588



57, 94.140, 342.738



50, 81.820, 22.835



46, 7.029, 333.499



40, 73.074, 342.346



8, 32.155, 339.771

Inverse Universe

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



53, 88.205, 341.588



57, 94.140, 342.738



83, 60.794, 167.069



46, 7.029, 333.499



40, 73.074, 342.346



8, 32.155, 339.771

Previews

White Background



This preview shows how the CIELCh color 53, 88.209, 341.588 looks on a white background.

Color Contrast Check

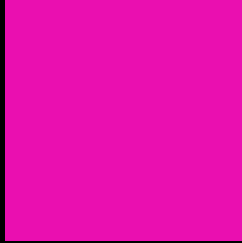
Large Text (above 18pt) WCAG AA ✓ Pass

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, 88.209, 341.588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

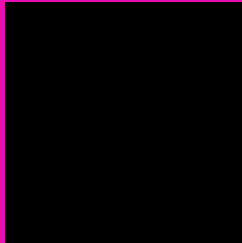
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 88.209, 341.588

Background



This preview shows how black text looks on a background with the CIELCh color 53, 88.209, 341.588.



This preview shows how white text looks on a background with the CIELCh color 53, 88.209, 341.588.

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, 88.111, 341.598

Protanopia

54, 72.660, 287.769

Deuteranopia

53, 23.152, 288.718



Tritanopia
53, 69.007, 28.618

Trichromacy



Original Color
53, 88.111, 341.598



Protanomaly
46, 81.438, 305.385



Deuteranomaly
48, 54.632, 324.475



Tritanomaly
52, 70.949, 7.874

Monochromacy



Original Color
53, 88.111, 341.598



Achromatopsia
42, 0.006, 296.813



Achromatomaly
41, 44.434, 336.806

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 88.209, 341.588 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(234, 15, 176)` looks like.

```
.text, #text, p{  
    color:rgb(234, 15, 176)  
}
```

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(234, 15, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 15, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 88.209, 341.588 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(234, 15, 176) }
```

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

```
.border{ border-color:rgb(234, 15, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 15, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 15, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 15, 176);  
box-shadow:4px 4px 4px 4px rgb(234, 15,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 88.209, 341.588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 15, 176) }
```

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

```
.background{ background-color: rgb(234, 15,  
176) }
```

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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