

Converting Colors

CIELCh(53, 88.325, 340.311)

Have a look what the booklet for
CIELCh(53, 88.325, 340.311)
contains.

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Color

CIELCh(53, 88.436, 340.271)

Conversions

Conversions Part 1

Format	Color
Hex	E914B4
RGB	233, 20, 180
RGB Percent	91%, 8%, 71%
CMY	0.0877, 0.9212, 0.2954
CMYK	0.00, 0.91, 0.23, 0.09
HSL	315°, 84%, 50%
HSV	315°, 91%, 91%
XYZ	41.9407, 21.0462, 44.8586
YIQ	101.9270, 75.5880, 94.9160

Conversions

Conversions Part 2

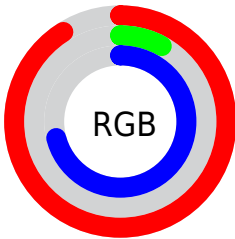
Format	Color
R_{YB}	233, 20, 180
Decimal	15275188
CIE _{Lab}	53.00, 83.24, -29.85
CIE _{LCh}	53, 88.436, 340.271
Yxy	21.0462, 0.3889, 0.1952
Android (android.graphics.Color)	4293465268 (0xFFE914B4)
YUV	101.9270, 38.4900, 114.9510
Hunter-Lab	45.8761, 82.9043, -25.8616

Details

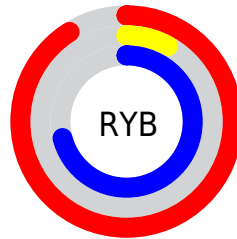
The CIELCh color **53, 88.436, 340.271** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **81, 98.164, 140.945**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 83.220, 331.640**, and **38, 70.553, 342.056** is the 20% darker color. If you saturate the color by 10%, you get **52, 88.873, 341.550**, and if you desaturate by 10%, it is **55, 85.759, 338.987**.

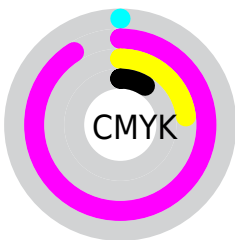
Distribution



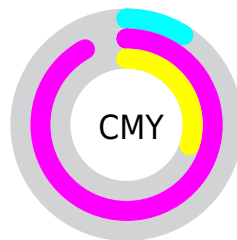
- Red (91%)
- Green (8%)
- Blue (71%)



- Red (91%)
- Yellow (8%)
- Blue (71%)



- Cyan (0%)
- Magenta (91%)
- Yellow (23%)
- Black (9%)





- Cyan (9%)
- Magenta (92%)
- Yellow (30%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 88.436, 340.271 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, 88.436, 340.271 by changing the saturation by 10% instead.


 53, 88.436,
340.271


 53, 88.436,
340.271


 100, 88.436,
340.271

 43, 88.436,
340.271


 73, 88.436,
340.271

 33, 88.436,
340.271

 83, 88.436,
340.271

 23, 88.436,
340.271

 93, 88.436,
340.271

 13, 88.436,
340.271

 3, 88.436, 340.271

 0, 88.436, 340.271

■ 53, 88.436,
340.271

■ 53, 88.436,
340.271

■ 52, 88.873,
341.550

■ 55, 85.759,
338.987

■ 57, 80.328,
337.888

■ 60, 72.409,
336.920

■ 64, 62.526,
336.042

■ 69, 51.273,
335.227

■ 74, 39.192,
334.459

■ 80, 26.712,
333.729

■ 85, 14.143,

333.027

■ 91, 1.693, 332.183

Harmonies

Complementary

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



53, 88.436, 340.271



81, 98.164, 140.945

Rectangle

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



53, 88.436, 340.271



53, 88.436, 30.271



53, 88.436, 160.271



53, 88.436, 210.271

Sweetspot

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



53, 88.432, 340.271



83, 36.381, 334.146



33, 117.839, 307.448



42, 24.497, 334.400



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, 88.432, 340.271



57, 95.180, 341.635



50, 79.661, 20.217



46, 7.108, 332.895



41, 73.872, 341.278



8, 32.470, 338.923

Inverse Universe

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



53, 88.432, 340.271



57, 95.180, 341.635



83, 61.056, 166.079



46, 7.108, 332.895



41, 73.872, 341.278



8, 32.470, 338.923

Previews

White Background



This preview shows how the CIELCh color 53, 88.436, 340.271 looks on a white background.

Color Contrast Check

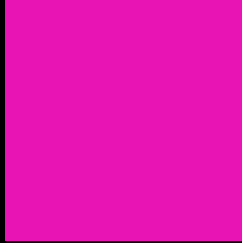
Large Text (above 18pt) WCAG AA ✓ Pass

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, 88.436, 340.271 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

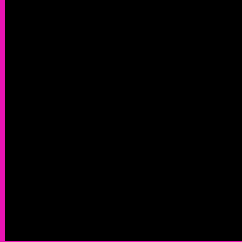
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 88.436, 340.271

Background



This preview shows how black text looks on a background with the CIELCh color 53, 88.436, 340.271.

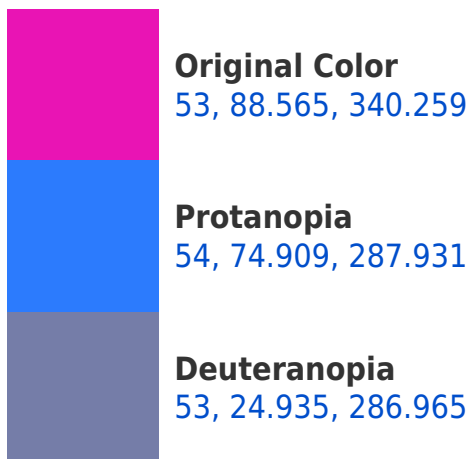


This preview shows how white text looks on a background with the CIELCh color 53, 88.436, 340.271.

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, 66.866, 28.110

Trichromacy



Original Color
53, 88.565, 340.259



Protanomaly
47, 81.919, 304.117



Deuteranomaly
48, 54.483, 322.335



Tritanomaly
52, 69.292, 6.277

Monochromacy



Original Color
53, 88.565, 340.259



Achromatopsia
43, 0.006, 296.813



Achromatomaly
42, 44.170, 336.279

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 88.436, 340.271 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(233, 20, 180)` looks like.

```
.text, #text, p{  
    color:rgb(233, 20, 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(233, 20, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 20, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 88.436, 340.271 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(233, 20, 180) }
```

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

```
.border{ border-color:rgb(233, 20, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 20, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 20, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 20, 180);  
box-shadow:4px 4px 4px 4px rgb(233, 20,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 88.436, 340.271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 20, 180) }
```

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

```
.background{ background-color: rgb(233, 20,  
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](#).

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