

Converting Colors

CIELCh(53, 94.168, 336.450)

Have a look what the booklet for
CIELCh(53, 94.168, 336.450)
contains.

CIELCh(53, 94.116, 336.420)	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, 94.116, 336.420)

Conversions

Conversions Part 1

Format	Color
Hex	E801C1
RGB	232, 1, 193
RGB Percent	91%, 0%, 76%
CMY	0.0899, 0.9949, 0.2429
CMYK	0.00, 0.99, 0.17, 0.09
HSL	310°, 99%, 46%
HSV	310°, 99%, 91%
XYZ	42.9444, 21.0462, 52.2838
YIQ	91.9570, 76.0440, 108.6840

Conversions

Conversions Part 2

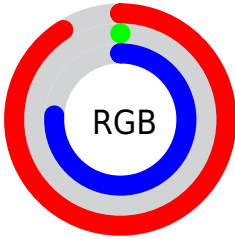
Format	Color
R_{YB}	232, 1, 193
Decimal	15204801
CIE _{Lab}	53.00, 86.26, -37.65
CIE _{LCh}	53, 94.116, 336.420
Yxy	21.0462, 0.3693, 0.1810
Android (android.graphics.Color)	4293394881 (0xFFE801C1)
YUV	91.9570, 49.8142, 122.8177
Hunter-Lab	45.8761, 86.8097, -35.4580

Details

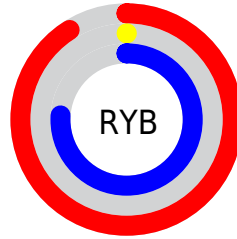
The CIELCh color **53, 94.116, 336.420** is a dark color, and the websafe version is hex **FF00CC**. The color can be described as middle washed magenta. A complement of this color would be **81, 106.753, 137.802**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 90.305, 328.519**, and **39, 74.120, 337.320** is the 20% darker color. If you saturate the color by 10%, you get **53, 94.147, 336.470**, and if you desaturate by 10%, it is **54, 93.043, 335.544**.

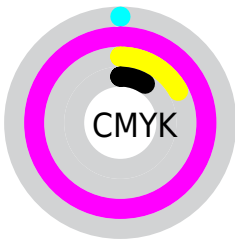
Distribution



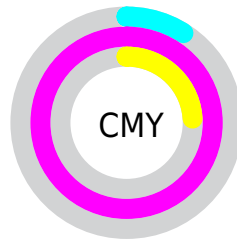
- Red (91%)
- Green (0%)
- Blue (76%)



- Red (91%)
- Yellow (0%)
- Blue (76%)



- Cyan (0%)
- Magenta (99%)
- Yellow (17%)
- Black (9%)




- Cyan (9%)
- Magenta (99%)
- Yellow (24%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 53, 94.116, 336.420 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, 94.116, 336.420 by changing the saturation by 10% instead.

 53, 94.116,
336.420


 53, 94.116,
336.420


 100, 94.116,
336.420


 43, 94.116,
336.420


 73, 94.116,
336.420

 33, 94.116,
336.420

 83, 94.116,
336.420

 23, 94.116,
336.420

 93, 94.116,
336.420

 13, 94.116,
336.420

 3, 94.116, 336.420

 0, 94.116, 336.420

■ 53, 94.116,
336.420

■ 53, 94.116,
336.420

■ 53, 94.147,
336.470

■ 54, 93.043,
335.544

■ 56, 89.471,
334.751

■ 58, 83.135,
334.017

■ 61, 74.349,
333.317

■ 66, 63.653,
332.636

■ 70, 51.634,
331.966

■ 75, 38.825,
331.307

■ 81, 25.643,

330.658

■ 86, 12.394,
330.018

Harmonies

Complementary

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



53, 94.116, 336.420



81, 106.753, 137.802

Rectangle

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



53, 94.116, 336.420



53, 94.116, 26.420



53, 94.116, 156.420



53, 94.116, 206.420

Sweetspot

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



53, 94.113, 336.420



82, 42.693, 331.353



30, 123.084, 306.901



41, 29.060, 331.632



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, 94.113, 336.420



58, 101.036, 336.521



49, 80.589, 18.651



46, 7.524, 330.020



41, 78.341, 336.315



9, 34.187, 334.943

Inverse Universe

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



53, 94.113, 336.420



58, 101.036, 336.521



82, 68.790, 159.076



46, 7.524, 330.020



41, 78.341, 336.315



9, 34.187, 334.943

Previews

White Background



This preview shows how the CIELCh color 53, 94.116, 336.420 looks on a white background.

Color Contrast Check

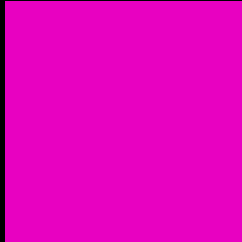
Large Text (above 18pt) WCAG AA ✓ Pass

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, 94.116, 336.420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

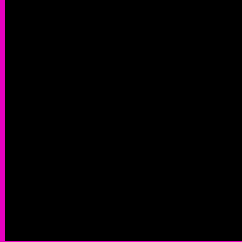
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 53, 94.116, 336.420

Background



This preview shows how black text looks on a background with the CIELCh color 53, 94.116, 336.420.

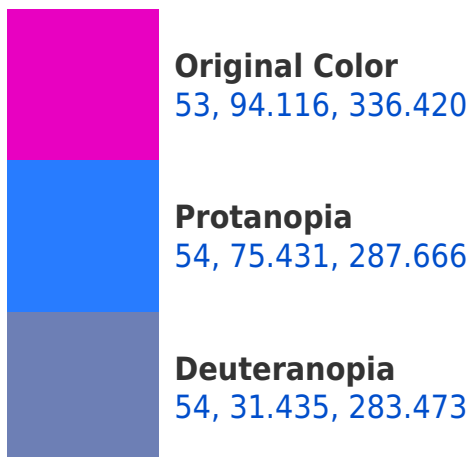


This preview shows how white text looks on a background with the CIELCh color 53, 94.116, 336.420.

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, 64.154, 27.354

Trichromacy



Original Color
53, 94.116, 336.420



Protanomaly
45, 89.292, 304.857



Deuteranomaly
47, 63.969, 318.053



Tritanomaly
52, 70.370, 2.247

Monochromacy



Original Color
53, 94.116, 336.420



Achromatopsia
39, 0.006, 296.813



Achromatomaly
39, 50.069, 333.038

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 94.116, 336.420 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(232, 1, 193)` looks like.

```
.text, #text, p{  
    color:rgb(232, 1, 193)  
}
```

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(232, 1, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 1, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 94.116, 336.420 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(232, 1, 193) }
```

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

```
.border{ border-color:rgb(232, 1, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 1, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(232, 1, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(232, 1, 193); box-shadow:4px 4px 4px 4px rgb(232, 1, 193) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 94.116, 336.420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 1, 193) }
```

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

```
.background{ background-color: rgb(232, 1,  
193) }
```

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