

Converting Colors

CIELCh(53, 85.961, 348.788)

Have a look what the booklet for
CIELCh(53, 85.961, 348.788)
contains.

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Color

CIELCh(53, 85.842, 348.748)

Conversions

Conversions Part 1

Format	Color
Hex	F1009E
RGB	241, 0, 158
RGB Percent	95%, 0%, 62%
CMY	0.0566, 1.0000, 0.3818
CMYK	0.00, 1.00, 0.34, 0.06
HSL	321°, 100%, 47%
HSV	321°, 100%, 94%
XYZ	42.2545, 21.0462, 34.0218
YIQ	90.0710, 92.9180, 100.2300

Conversions

Conversions Part 2

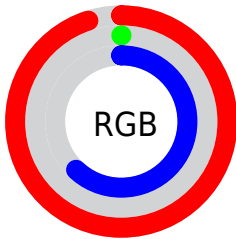
Format	Color
R_{YB}	241, 0, 158
Decimal	15794334
CIE _{Lab}	53.00, 84.19, -16.75
CIE _{LCh}	53, 85.842, 348.748
Yxy	21.0462, 0.4342, 0.2163
Android (android.graphics.Color)	4293984414 (0xFFFF1009E)
YUV	90.0710, 33.4890, 132.3647
Hunter-Lab	45.8761, 84.1255, -11.8563

Details

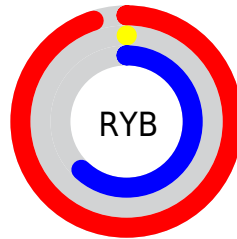
The CIELCh color **53, 85.842, 348.748** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **84, 98.990, 142.228**, and the grayscale version is **38, 0.005, 296.813**.

A 20% lighter version of the original color is **66, 77.180, 337.831**, and **39, 66.969, 353.010** is the 20% darker color. If you saturate the color by 10%, you get **53, 85.714, 348.773**, and if you desaturate by 10%, it is **54, 85.232, 346.407**.

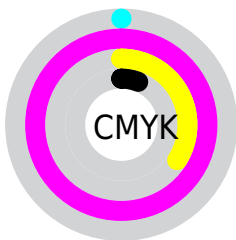
Distribution



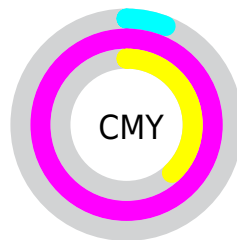
- Red (95%)
- Green (0%)
- Blue (62%)



- Red (95%)
- Yellow (0%)
- Blue (62%)



- Cyan (0%)
- Magenta (100%)
- Yellow (34%)
- Black (6%)





- Cyan (6%)
- Magenta (100%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 53, 85.842, 348.748 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, 85.842, 348.748 by changing the saturation by 10% instead.


 53, 85.842,
348.748


 53, 85.842,
348.748

 100, 85.842,
348.748


 43, 85.842,
348.748


 73, 85.842,
348.748

 33, 85.842,
348.748

 83, 85.842,
348.748

 23, 85.842,
348.748

 93, 85.842,
348.748

 13, 85.842,
348.748

 3, 85.842, 348.748

 0, 85.842, 348.748

■ 53, 85.842,
348.748

■ 53, 85.842,
348.748

■ 53, 85.714,
348.773

■ 54, 85.232,
346.407

■ 56, 82.372,
344.456

■ 59, 76.784,
342.865

■ 62, 68.791,
341.535

■ 67, 58.955,
340.391

■ 72, 47.884,
339.381

■ 77, 36.105,
338.468

■ 83, 24.027,

337.628

■ 89, 11.933,
336.839

Harmonies

Complementary

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



53, 85.842, 348.748



84, 98.990, 142.228

Rectangle

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



53, 85.842, 348.748



53, 85.842, 38.748



53, 85.842, 168.748



53, 85.842, 218.748

Sweetspot

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



53, 85.714, 348.773



81, 37.849, 338.476



34, 123.775, 308.627



41, 25.790, 338.852



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, 85.714, 348.773



56, 89.522, 348.861



50, 91.751, 32.767



47, 6.757, 336.798



40, 70.219, 348.302



9, 31.551, 344.644

Inverse Universe

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



53, 85.714, 348.773



56, 89.522, 348.861



85, 57.237, 174.057



47, 6.757, 336.798



40, 70.219, 348.302



9, 31.551, 344.644

Previews

White Background



This preview shows how the CIELCh color 53, 85.842, 348.748 looks on a white background.

Color Contrast Check

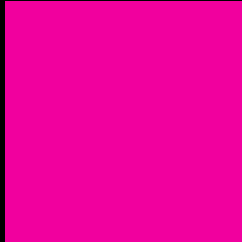
Large Text (above 18pt) WCAG AA ✓ Pass

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, 85.842, 348.748 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, 85.842, 348.748

Background



This preview shows how black text looks on a background with the CIELCh color 53, 85.842, 348.748.



This preview shows how white text looks on a background with the CIELCh color 53, 85.842, 348.748.

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, 85.842, 348.748

Protanopia

54, 57.813, 286.503

Deuteranopia

54, 13.036, 303.347



Tritanopia
53, 76.093, 30.754

Trichromacy



Original Color
53, 85.842, 348.748



Protanomaly
46, 72.177, 311.966



Deuteranomaly
48, 51.328, 334.853



Tritanomaly
52, 75.908, 13.209

Monochromacy



Original Color
53, 85.842, 348.748



Achromatopsia
38, 0.005, 296.813



Achromatomaly
38, 46.415, 341.159

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 53, 85.842, 348.748 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(241, 0, 158)` looks like.

```
.text, #text, p{  
    color:rgb(241, 0, 158)  
}
```

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(241, 0, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 0, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 53, 85.842, 348.748 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(241, 0, 158) }
```

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

```
.border{ border-color:rgb(241, 0, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 0, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 0, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 0, 158);  
box-shadow:4px 4px 4px 4px rgb(241, 0,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 53, 85.842, 348.748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 0, 158) }
```

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

```
.background{ background-color: rgb(241, 0,  
158) }
```

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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