

Converting Colors

CIELCh(54, 83.994, 356.093)

Have a look what the booklet for
CIELCh(54, 83.994, 356.093)
contains.

CIELCh(54, 84.028, 356.100)	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(54, 84.028, 356.100)

Conversions

Conversions Part 1

Format	Color
Hex	F8048E
RGB	248, 4, 142
RGB Percent	97%, 2%, 56%
CMY	0.0280, 0.9825, 0.4436
CMYK	0.00, 0.98, 0.43, 0.03
HSL	326°, 96%, 49%
HSV	326°, 98%, 97%
XYZ	43.5809, 21.9746, 27.4891
YIQ	92.6880, 101.1260, 94.6460

Conversions

Conversions Part 2

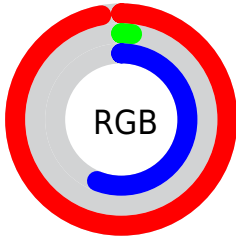
Format	Color
R_{YB}	248, 4, 142
Decimal	16254094
CIE _{Lab}	54.00, 83.83, -5.72
CIE _{LCh}	54, 84.028, 356.100
Yxy	21.9746, 0.4684, 0.2362
Android (android.graphics.Color)	4294444174 (0xFFFF8048E)
YUV	92.6880, 24.3108, 136.2086
Hunter-Lab	46.8770, 83.9140, -1.9543

Details

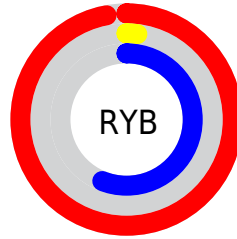
The CIELCh color **54, 84.028, 356.100** is a dark color, and the websafe version is hex **FF0099**. The color can be described as dark saturated rose. A complement of this color would be **86, 92.777, 146.072**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 71.712, 343.548**, and **40, 66.564, 2.261** is the 20% darker color. If you saturate the color by 10%, you get **54, 84.106, 356.731**, and if you desaturate by 10%, it is **55, 83.019, 352.825**.

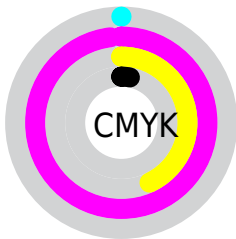
Distribution



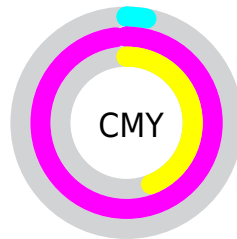
- Red (97%)
- Green (2%)
- Blue (56%)



- Red (97%)
- Yellow (2%)
- Blue (56%)



- Cyan (0%)
- Magenta (98%)
- Yellow (43%)
- Black (3%)




- Cyan (3%)
- Magenta (98%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 54, 84.028, 356.100 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 54, 84.028, 356.100 by changing the saturation by 10% instead.


 54, 84.028,
356.100

 54, 84.028,
356.100

 100, 84.028,
356.100

 44, 84.028,
356.100


 74, 84.028,
356.100

 34, 84.028,
356.100

 84, 84.028,
356.100

 24, 84.028,
356.100

 94, 84.028,
356.100

 14, 84.028,
356.100

 4, 84.028, 356.100

 0, 84.028, 356.100

■ 54, 84.028,
356.100

■ 54, 84.028,
356.100

■ 54, 84.106,
356.731

■ 55, 83.019,
352.825

■ 57, 79.566,
350.203

■ 60, 73.511,
348.116

■ 64, 65.223,
346.424

■ 69, 55.284,
345.015

■ 74, 44.293,
343.809

■ 80, 32.752,
342.752

■ 86, 21.035,

341.803

 92, 9.392, 340.924

Harmonies

Complementary

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



54, 84.028, 356.100



86, 92.777, 146.072

Rectangle

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



54, 84.028, 356.100



54, 84.028, 46.100



54, 84.028, 176.100



54, 84.028, 226.100

Sweetspot

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



54, 84.024, 356.101



82, 34.467, 342.836



38, 123.312, 310.389



41, 23.650, 343.277



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54, 84.024, 356.101



55, 85.918, 356.791



52, 98.666, 37.526



49, 6.560, 341.037



41, 68.699, 356.070



10, 31.809, 351.288

Inverse Universe

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



54, 84.024, 356.101



55, 85.918, 356.791



88, 51.885, 186.674



49, 6.560, 341.037



41, 68.699, 356.070



10, 31.809, 351.288

Previews

White Background



This preview shows how the CIELCh color 54, 84.028, 356.100 looks on a white background.

Color Contrast Check

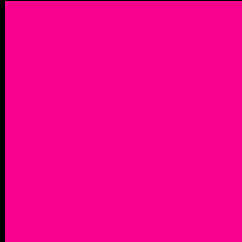
Large Text (above 18pt) WCAG AA ✓ Pass

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 54, 84.028, 356.100 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 54, 84.028, 356.100

Background



This preview shows how black text looks on a background with the CIELCh color 54, 84.028, 356.100.



This preview shows how white text looks on a background with the CIELCh color 54, 84.028, 356.100.

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

54, 84.097, 356.080

Protanopia

55, 43.920, 285.579

Deuteranopia

54, 7.035, 356.095



Tritanopia
54, 82.102, 32.441

Trichromacy



Original Color
54, 84.097, 356.080



Protanomaly
48, 60.889, 319.008



Deuteranomaly
49, 47.039, 347.116



Tritanomaly
53, 79.836, 18.442

Monochromacy



Original Color
54, 84.097, 356.080



Achromatopsia
39, 0.006, 296.813



Achromatomaly
39, 43.981, 346.035

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 84.028, 356.100 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(248, 4, 142)` looks like.

```
.text, #text, p{  
    color:rgb(248, 4, 142)  
}
```

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(248, 4, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 4, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 84.028, 356.100 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(248, 4, 142) }
```

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

```
.border{ border-color:rgb(248, 4, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 4, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 4, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 4, 142);  
box-shadow:4px 4px 4px 4px rgb(248, 4,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 84.028, 356.100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 4, 142) }
```

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

```
.background{ background-color: rgb(248, 4,  
142) }
```

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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