

Converting Colors

CIELCh(55, 94.490, 338.769)

Have a look what the booklet for
CIELCh(55, 94.490, 338.769)
contains.

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Color

CIELCh(55, 94.538, 338.744)

Conversions

Conversions Part 1

Format	Color
Hex	F302C1
RGB	243, 2, 193
RGB Percent	95%, 1%, 76%
CMY	0.0476, 0.9902, 0.2436
CMYK	0.00, 0.99, 0.21, 0.05
HSL	312°, 98%, 48%
HSV	312°, 99%, 95%
XYZ	46.5568, 22.9298, 52.3565
YIQ	95.8330, 82.3250, 110.4930

Conversions

Conversions Part 2

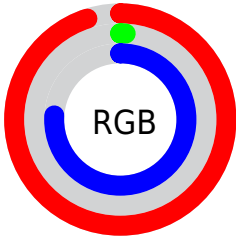
Format	Color
R _Y B	243, 2, 193
Decimal	15925953
CIE _{Lab}	55.00, 88.11, -34.27
CIE _{LCh}	55, 94.538, 338.744
Yxy	22.9298, 0.3821, 0.1882
Android (android.graphics.Color)	4294116033 (0xFFFF302C1)
YUV	95.8330, 47.9033, 129.0655
Hunter-Lab	47.8851, 89.7496, -31.3068

Details

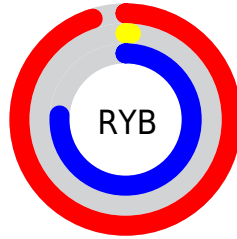
The CIELCh color **55, 94.538, 338.744** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **84, 108.378, 138.589**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 89.401, 328.500**, and **41, 74.833, 340.431** is the 20% darker color. If you saturate the color by 10%, you get **55, 94.569, 338.866**, and if you desaturate by 10%, it is **56, 93.617, 337.600**.

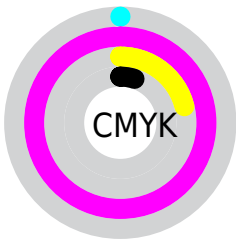
Distribution



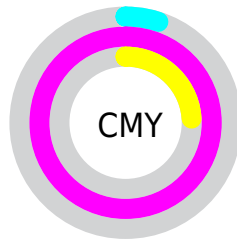
- Red (95%)
- Green (1%)
- Blue (76%)



- Red (95%)
- Yellow (1%)
- Blue (76%)



- Cyan (0%)
- Magenta (99%)
- Yellow (21%)
- Black (5%)




- Cyan (5%)
- Magenta (99%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 94.538, 338.744 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 55, 94.538, 338.744 by changing the saturation by 10% instead.


 55, 94.538,
338.744

 55, 94.538,
338.744

 100, 94.538,
338.744


 45, 94.538,
338.744


 75, 94.538,
338.744

 35, 94.538,
338.744

 85, 94.538,
338.744

 25, 94.538,
338.744

 95, 94.538,
338.744

 15, 94.538,
338.744

 5, 94.538, 338.744

 0, 94.538, 338.744

■ 55, 94.538,
338.744

■ 55, 94.538,
338.744

■ 55, 94.569,
338.866

■ 56, 93.617,
337.600

■ 58, 90.040,
336.602

■ 60, 83.606,
335.715

■ 64, 74.663,
334.901

■ 68, 63.782,
334.134

■ 73, 51.579,
333.402

■ 79, 38.599,
332.695

■ 84, 25.267,

332.012

■ 90, 11.888,
331.342

Harmonies

Complementary

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



55, 94.538, 338.744



84, 108.378, 138.589

Rectangle

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



55, 94.538, 338.744



55, 94.538, 28.744



55, 94.538, 158.744



55, 94.538, 208.744

Sweetspot

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



55, 94.534, 338.744



82, 41.563, 332.772



32, 126.723, 307.133



41, 28.295, 333.069



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



55, 94.534, 338.744



58, 98.084, 338.901



51, 84.563, 21.629



48, 7.580, 331.377



42, 77.656, 338.651



10, 35.242, 336.996

Inverse Universe

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



55, 94.534, 338.744



58, 98.084, 338.901



85, 68.195, 161.669



48, 7.580, 331.377



42, 77.656, 338.651



10, 35.242, 336.996

Previews

White Background



This preview shows how the CIE LCh color 55, 94.538, 338.744 looks on a white background.

Color Contrast Check

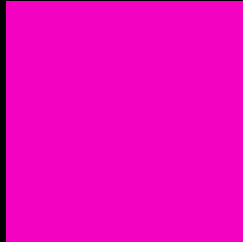
Large Text (above 18pt) WCAG AA ✓ Pass

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 55, 94.538, 338.744 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 55, 94.538, 338.744

Background



This preview shows how black text looks on a background with the CIELCh color 55, 94.538, 338.744.



This preview shows how white text looks on a background with the CIELCh color 55, 94.538, 338.744.

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

55, 94.613, 338.739

Protanopia

56, 72.148, 287.375

Deuteranopia

56, 28.804, 285.717



Tritanopia
55, 68.958, 28.124

Trichromacy



Original Color
55, 94.613, 338.739



Protanomaly
48, 86.608, 306.661



Deuteranomaly
49, 62.863, 320.807



Tritanomaly
54, 73.373, 4.649

Monochromacy



Original Color
55, 94.613, 338.739



Achromatopsia
41, 0.006, 296.813



Achromatomaly
40, 50.127, 334.659

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 94.538, 338.744 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(243, 2, 193)` looks like.

```
.text, #text, p{  
    color:rgb(243, 2, 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(243, 2, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 2, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 94.538, 338.744 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(243, 2, 193) }
```

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

```
.border{ border-color:rgb(243, 2, 193) }
```

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

Here you see how a box with a 4 pixel rgb(243, 2, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 2, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 2, 193);  
box-shadow:4px 4px 4px 4px rgb(243, 2,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 94.538, 338.744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 2, 193) }
```

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

```
.background{ background-color: rgb(243, 2,  
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](#).

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