

Converting Colors

CIELCh(55, 94.250, 338.300)

Have a look what the booklet for
CIELCh(55, 94.250, 338.300)
contains.

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Color

CIELCh(55, 94.327, 338.305)

Conversions

Conversions Part 1

Format	Color
Hex	F209C2
RGB	242, 9, 194
RGB Percent	95%, 4%, 76%
CMY	0.0515, 0.9666, 0.2396
CMYK	0.00, 0.96, 0.20, 0.05
HSL	312°, 93%, 49%
HSV	312°, 96%, 95%
XYZ	46.3936, 22.9298, 52.9563
YIQ	99.7570, 79.4830, 106.9310

Conversions

Conversions Part 2

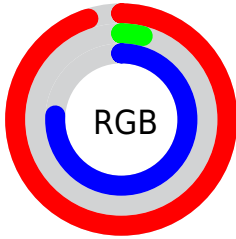
Format	Color
RYB	242, 9, 194
Decimal	15862210
CIELab	55.00, 87.65, -34.87
CIElCh	55, 94.327, 338.305
Yxy	22.9298, 0.3794, 0.1875
Android (android.graphics.Color)	4294052290 (0xFFFF209C2)
YUV	99.7570, 46.4618, 124.7471
Hunter-Lab	47.8851, 89.1411, -32.0494

Details

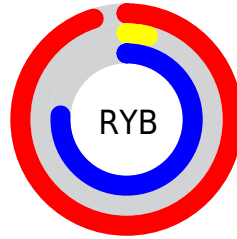
The CIELCh color **55, 94.327, 338.305** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **84, 106.900, 138.915**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 88.869, 328.274**, and **41, 75.054, 339.794** is the 20% darker color. If you saturate the color by 10%, you get **55, 94.443, 338.717**, and if you desaturate by 10%, it is **56, 92.852, 337.212**.

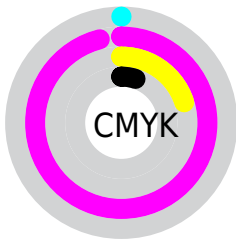
Distribution



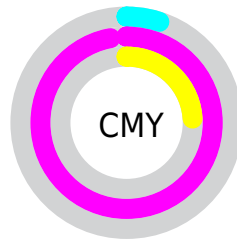
- Red (95%)
- Green (4%)
- Blue (76%)



- Red (95%)
- Yellow (4%)
- Blue (76%)



- Cyan (0%)
- Magenta (96%)
- Yellow (20%)
- Black (5%)





- Cyan (5%)
- Magenta (97%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 94.327, 338.305 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, 94.327, 338.305 by changing the saturation by 10% instead.


 55, 94.327,
338.305


 55, 94.327,
338.305


 100, 94.327,
338.305


 45, 94.327,
338.305


 75, 94.327,
338.305

 35, 94.327,
338.305

 85, 94.327,
338.305

 25, 94.327,
338.305

 95, 94.327,
338.305

 15, 94.327,
338.305

 5, 94.327, 338.305

 0, 94.327, 338.305

■ 55, 94.327,
338.305

■ 55, 94.327,
338.305

■ 55, 94.443,
338.717

■ 56, 92.852,
337.212

■ 58, 88.546,
336.258

■ 61, 81.447,
335.401

■ 65, 71.977,
334.608

■ 69, 60.729,
333.856

■ 74, 48.307,
333.134

■ 80, 35.228,
332.436

■ 86, 21.883,

331.760

 91, 8.550, 331.089

Harmonies

Complementary

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



55, 94.327, 338.305



84, 106.900, 138.915

Rectangle

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



55, 94.327, 338.305



55, 94.327, 28.305



55, 94.327, 158.305



55, 94.327, 208.305

Sweetspot

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



55, 94.323, 338.305



82, 40.255, 332.616



33, 125.079, 307.120



41, 27.570, 332.914



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, 94.323, 338.305



58, 98.254, 338.754



51, 83.247, 20.225



47, 7.462, 331.293



42, 77.006, 338.496



9, 34.342, 336.788

Inverse Universe

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



55, 94.323, 338.305



58, 98.254, 338.754



85, 67.190, 162.218



47, 7.462, 331.293



42, 77.006, 338.496



9, 34.342, 336.788

Previews

White Background



This preview shows how the CIELCh color 55, 94.327, 338.305 looks on a white background.

Color Contrast Check

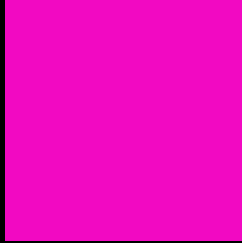
Large Text (above 18pt) WCAG AA ✓ Pass

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, 94.327, 338.305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

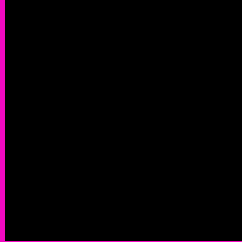
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 94.327, 338.305

Background



This preview shows how black text looks on a background with the CIELCh color 55, 94.327, 338.305.



This preview shows how white text looks on a background with the CIELCh color 55, 94.327, 338.305.

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, 94.327, 338.305

Protanopia

56, 72.166, 287.283

Deuteranopia

55, 29.437, 284.752



Tritanopia
55, 68.088, 27.912

Trichromacy



Original Color
55, 94.327, 338.305



Protanomaly
48, 85.972, 306.313



Deuteranomaly
49, 62.018, 319.786



Tritanomaly
54, 72.374, 4.354

Monochromacy



Original Color
55, 94.327, 338.305



Achromatopsia
42, 0.006, 296.813



Achromatomaly
42, 49.374, 334.224

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 94.327, 338.305 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(242, 9, 194)` looks like.

```
.text, #text, p{  
    color:rgb(242, 9, 194)  
}
```

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(242, 9, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 9, 194) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 94.327, 338.305 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(242, 9, 194) }
```

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

```
.border{ border-color:rgb(242, 9, 194) }
```

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

Here you see how a box with a 4 pixel rgb(242, 9, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 9, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 9, 194);  
box-shadow:4px 4px 4px 4px rgb(242, 9,  
194) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 94.327, 338.305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 9, 194) }
```

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

```
.background{ background-color: rgb(242, 9,  
194) }
```

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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