

Converting Colors

CIELCh(55, 94.433, 338.524)

Have a look what the booklet for
CIELCh(55, 94.433, 338.524)
contains.

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Color

CIELCh(55, 94.255, 338.550)

Conversions

Conversions Part 1

Format	Color
Hex	F207C1
RGB	242, 7, 193
RGB Percent	95%, 3%, 76%
CMY	0.0501, 0.9723, 0.2423
CMYK	0.00, 0.97, 0.20, 0.05
HSL	313°, 94%, 49%
HSV	313°, 97%, 95%
XYZ	46.4223, 22.9298, 52.5518
YIQ	98.4690, 80.3540, 107.6660

Conversions

Conversions Part 2

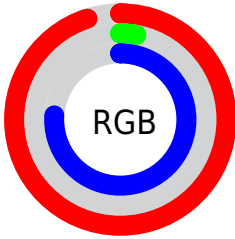
Format	Color
RYB	242, 7, 193
Decimal	15861697
CIELab	55.00, 87.73, -34.47
CIELCh	55, 94.255, 338.550
Yxy	22.9298, 0.3808, 0.1881
Android (android.graphics.Color)	4294051777 (0xFFFF207C1)
YUV	98.4690, 46.6038, 125.8767
Hunter-Lab	47.8851, 89.2482, -31.5486

Details

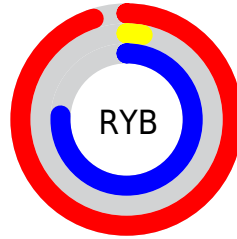
The CIELCh color **55, 94.255, 338.550** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light saturated magenta. A complement of this color would be **84, 107.177, 138.882**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 88.944, 328.491**, and **41, 74.757, 340.150** is the 20% darker color. If you saturate the color by 10%, you get **55, 94.346, 338.897**, and if you desaturate by 10%, it is **56, 92.943, 337.428**.

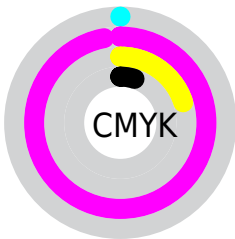
Distribution



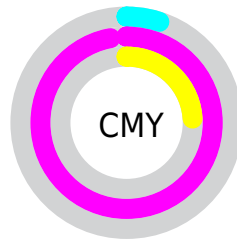
- Red (95%)
- Green (3%)
- Blue (76%)



- Red (95%)
- Yellow (3%)
- Blue (76%)



- Cyan (0%)
- Magenta (97%)
- Yellow (20%)
- Black (5%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 94.255, 338.550 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, 94.255, 338.550 by changing the saturation by 10% instead.


 55, 94.255,
338.550


 55, 94.255,
338.550


 100, 94.255,
338.550


 45, 94.255,
338.550


 75, 94.255,
338.550

 35, 94.255,
338.550

 85, 94.255,
338.550

 25, 94.255,
338.550

 95, 94.255,
338.550

 15, 94.255,
338.550

 5, 94.255, 338.550

 0, 94.255, 338.550

■ 55, 94.255,
338.550

■ 55, 94.255,
338.550

■ 55, 94.346,
338.897

■ 56, 92.943,
337.428

■ 58, 88.826,
336.452

■ 61, 81.897,
335.579

■ 65, 72.562,
334.774

■ 69, 61.413,
334.014

■ 74, 49.055,
333.286

■ 80, 36.012,
332.584

■ 85, 22.684,

331.903

 91, 9.354, 331.232

Harmonies

Complementary

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



55, 94.255, 338.550



84, 107.177, 138.882

Rectangle

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



55, 94.255, 338.550



55, 94.255, 28.550



55, 94.255, 158.550



55, 94.255, 208.550

Sweetspot

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



55, 94.251, 338.550



82, 40.176, 332.722



33, 125.526, 307.121



41, 27.516, 333.021



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, 94.251, 338.550



58, 98.046, 338.933



51, 83.593, 20.574



47, 7.447, 331.394



42, 76.846, 338.670



9, 34.279, 336.930

Inverse Universe

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



55, 94.251, 338.550



58, 98.046, 338.933



85, 67.460, 162.082



47, 7.447, 331.394



42, 76.846, 338.670



9, 34.279, 336.930

Previews

White Background



This preview shows how the CIELCh color 55, 94.255, 338.550 looks on a white background.

Color Contrast Check

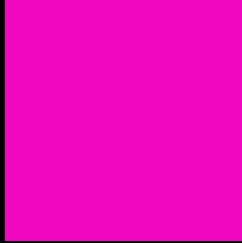
Large Text (above 18pt) WCAG AA ✓ Pass

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, 94.255, 338.550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

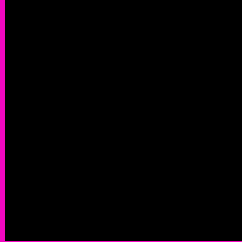
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 94.255, 338.550

Background



This preview shows how black text looks on a background with the CIELCh color 55, 94.255, 338.550.



This preview shows how white text looks on a background with the CIELCh color 55, 94.255, 338.550.

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, 94.181, 338.555

Protanopia

56, 72.166, 287.283

Deuteranopia

56, 28.839, 285.098



Tritanopia
55, 68.561, 28.062

Trichromacy



Original Color
55, 94.181, 338.555



Protanomaly
48, 85.972, 306.313



Deuteranomaly
49, 61.614, 320.331



Tritanomaly
54, 72.595, 4.679

Monochromacy



Original Color
55, 94.181, 338.555



Achromatopsia
42, 0.006, 296.813



Achromatomaly
41, 48.988, 334.710

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 94.255, 338.550 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, 7, 193)` looks like.

```
.text, #text, p{  
    color:rgb(242, 7, 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(242, 7, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 7, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 94.255, 338.550 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, 7, 193) }
```

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

```
.border{ border-color:rgb(242, 7, 193) }
```

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

Here you see how a box with a 4 pixel rgb(242, 7, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 7, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 7, 193);  
box-shadow:4px 4px 4px 4px rgb(242, 7,  
193) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 94.255, 338.550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 7, 193) }
```

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

```
.background{ background-color: rgb(242, 7,  
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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