

Converting Colors

CIELCh(55, 93.266, 339.454)

Have a look what the booklet for
CIELCh(55, 93.266, 339.454)
contains.

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Color

CIELCh(55, 93.229, 339.571)

Conversions

Conversions Part 1

Format	Color
Hex	F309BE
RGB	243, 9, 190
RGB Percent	95%, 4%, 75%
CMY	0.0475, 0.9666, 0.2553
CMYK	0.00, 0.96, 0.22, 0.05
HSL	314°, 93%, 49%
HSV	314°, 96%, 95%
XYZ	46.2947, 22.9298, 50.6392
YIQ	99.6000, 81.3630, 105.8990

Conversions

Conversions Part 2

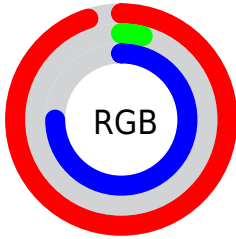
Format	Color
R_{YB}	243, 9, 190
Decimal	15927742
CIE _{Lab}	55.00, 87.37, -32.54
CIE _{LCh}	55, 93.229, 339.571
Yxy	22.9298, 0.3862, 0.1913
Android (android.graphics.Color)	4294117822 (0xFFFF309BE)
YUV	99.6000, 44.5672, 125.7618
Hunter-Lab	47.8851, 88.7724, -29.1805

Details

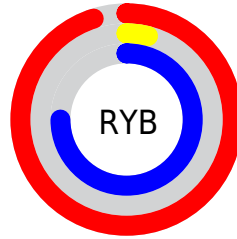
The CIELCh color **55, 93.229, 339.571** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **84, 106.042, 139.390**, and the grayscale version is **42, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 87.332, 329.117**, and **41, 73.969, 341.526** is the 20% darker color. If you saturate the color by 10%, you get **55, 93.312, 340.038**, and if you desaturate by 10%, it is **56, 91.849, 338.333**.

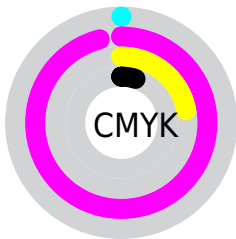
Distribution



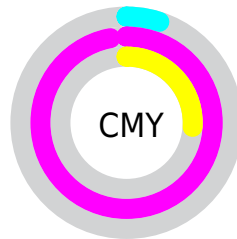
- Red (95%)
- Green (4%)
- Blue (75%)



- Red (95%)
- Yellow (4%)
- Blue (75%)



- Cyan (0%)
- Magenta (96%)
- Yellow (22%)
- Black (5%)





- Cyan (5%)
- Magenta (97%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 93.229, 339.571 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, 93.229, 339.571 by changing the saturation by 10% instead.


 55, 93.229,
339.571


 55, 93.229,
339.571


 100, 93.229,
339.571


 45, 93.229,
339.571


 75, 93.229,
339.571

 35, 93.229,
339.571

 85, 93.229,
339.571

 25, 93.229,
339.571

 95, 93.229,
339.571

 15, 93.229,
339.571

 5, 93.229, 339.571

 0, 93.229, 339.571

■ 55, 93.229,
339.571

■ 55, 93.229,
339.571

■ 55, 93.312,
340.038

■ 56, 91.849,
338.333

■ 58, 87.637,
337.270

■ 61, 80.632,
336.332

■ 65, 71.261,
335.479

■ 69, 60.123,
334.684

■ 75, 47.822,
333.929

■ 80, 34.873,
333.207

■ 86, 21.668,

332.513

 92, 8.479, 331.827

Harmonies

Complementary

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



55, 93.229, 339.571



84, 106.042, 139.390

Rectangle

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



55, 93.229, 339.571



55, 93.229, 29.571



55, 93.229, 159.571



55, 93.229, 209.571

Sweetspot

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



55, 93.225, 339.571



82, 39.690, 333.391



33, 125.220, 307.279



41, 27.186, 333.699



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, 93.225, 339.571



57, 96.776, 340.076



52, 84.176, 21.738



48, 7.483, 332.035



42, 76.635, 339.795



10, 34.828, 337.932

Inverse Universe

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



55, 93.225, 339.571



57, 96.776, 340.076



86, 66.025, 163.555



48, 7.483, 332.035



42, 76.635, 339.795



10, 34.828, 337.932

Previews

White Background



This preview shows how the CIELCh color 55, 93.229, 339.571 looks on a white background.

Color Contrast Check

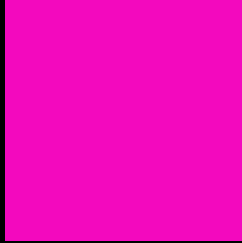
Large Text (above 18pt) WCAG AA ✓ Pass

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, 93.229, 339.571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

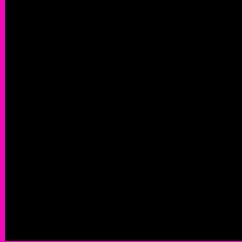
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 93.229, 339.571

Background



This preview shows how black text looks on a background with the CIELCh color 55, 93.229, 339.571.



This preview shows how white text looks on a background with the CIELCh color 55, 93.229, 339.571.

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, 93.229, 339.571

Protanopia

56, 72.166, 287.283

Deuteranopia

56, 27.084, 285.622



Tritanopia
55, 69.429, 28.275

Trichromacy



Original Color
55, 93.229, 339.571



Protanomaly
48, 84.929, 306.373



Deuteranomaly
50, 60.356, 321.706



Tritanomaly
54, 72.823, 5.782

Monochromacy



Original Color
55, 93.229, 339.571



Achromatopsia
42, 0.006, 296.813



Achromatomaly
41, 48.606, 335.206

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 93.229, 339.571 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, 9, 190)` looks like.

```
.text, #text, p{  
    color:rgb(243, 9, 190)  
}
```

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, 9, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 9, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 93.229, 339.571 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, 9, 190) }
```

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

```
.border{ border-color:rgb(243, 9, 190) }
```

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

Here you see how a box with a 4 pixel rgb(243, 9, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 9, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 9, 190);  
box-shadow:4px 4px 4px 4px rgb(243, 9,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 93.229, 339.571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 9, 190) }
```

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

```
.background{ background-color: rgb(243, 9,  
190) }
```

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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