

Converting Colors

CIELCh(55, 92.898, 340.263)

Have a look what the booklet for
CIELCh(55, 92.898, 340.263)
contains.

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Color

CIELCh(55, 92.957, 340.307)

Conversions

Conversions Part 1

Format	Color
Hex	F405BC
RGB	244, 5, 188
RGB Percent	96%, 2%, 74%
CMY	0.0439, 0.9798, 0.2635
CMYK	0.00, 0.98, 0.23, 0.04
HSL	314°, 96%, 49%
HSV	314°, 98%, 96%
XYZ	46.3493, 22.9298, 49.4559
YIQ	97.3230, 83.7010, 107.5810

Conversions

Conversions Part 2

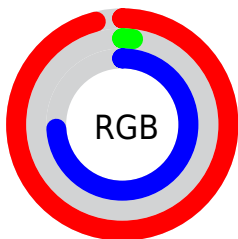
Format	Color
RYB	244, 5, 188
Decimal	15992252
CIELab	55.00, 87.52, -31.32
CIElCh	55, 92.957, 340.307
Yxy	22.9298, 0.3904, 0.1931
Android (android.graphics.Color)	4294182332 (0xFFFF405BC)
YUV	97.3230, 44.7038, 128.6357
Hunter-Lab	47.8851, 88.9761, -27.7153

Details

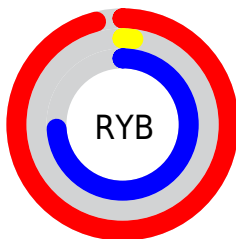
The CIELCh color **55, 92.957, 340.307** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **84, 106.578, 139.366**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 87.034, 329.558**, and **41, 73.503, 342.561** is the 20% darker color. If you saturate the color by 10%, you get **55, 92.999, 340.604**, and if you desaturate by 10%, it is **56, 91.936, 338.980**.

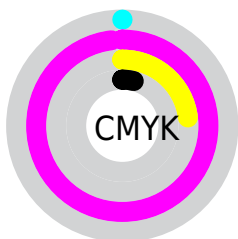
Distribution



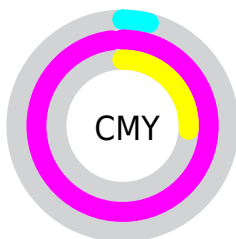
- Red (96%)
- Green (2%)
- Blue (74%)



- Red (96%)
- Yellow (2%)
- Blue (74%)



- Cyan (0%)
- Magenta (98%)
- Yellow (23%)
- Black (4%)





- Cyan (4%)
- Magenta (98%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 92.957, 340.307 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, 92.957, 340.307 by changing the saturation by 10% instead.


 55, 92.957,
340.307


 55, 92.957,
340.307


 100, 92.957,
340.307


 45, 92.957,
340.307


 75, 92.957,
340.307

 35, 92.957,
340.307

 85, 92.957,
340.307

 25, 92.957,
340.307

 95, 92.957,
340.307

 15, 92.957,
340.307

 5, 92.957, 340.307

 0, 92.957, 340.307

■ 55, 92.957,
340.307

■ 55, 92.957,
340.307

■ 55, 92.999,
340.604

■ 56, 91.936,
338.980

■ 58, 88.159,
337.846

■ 61, 81.550,
336.857

■ 65, 72.498,
335.967

■ 69, 61.593,
335.145

■ 74, 49.449,
334.371

■ 79, 36.595,
333.634

■ 85, 23.442,

332.927

■ 91, 10.276,
332.238

Harmonies

Complementary

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



55, 92.957, 340.307



84, 106.578, 139.366

Rectangle

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



55, 92.957, 340.307



55, 92.957, 30.307



55, 92.957, 160.307



55, 92.957, 210.307

Sweetspot

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



55, 92.953, 340.307



82, 39.458, 333.719



33, 125.996, 307.438



41, 27.028, 334.032



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, 92.953, 340.307



57, 96.180, 340.641



52, 85.809, 23.988



48, 7.438, 332.349



42, 76.169, 340.345



10, 34.639, 338.381

Inverse Universe

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



55, 92.953, 340.307



57, 96.180, 340.641



86, 65.238, 164.657



48, 7.438, 332.349



42, 76.169, 340.345



10, 34.639, 338.381

Previews

White Background



This preview shows how the CIELCh color 55, 92.957, 340.307 looks on a white background.

Color Contrast Check

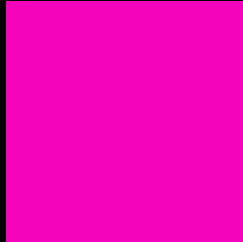
Large Text (above 18pt) WCAG AA ✓ Pass

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, 92.957, 340.307 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

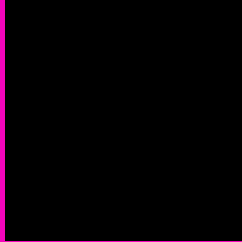
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 92.957, 340.307

Background



This preview shows how black text looks on a background with the CIELCh color 55, 92.957, 340.307.



This preview shows how white text looks on a background with the CIELCh color 55, 92.957, 340.307.

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, 93.031, 340.300

Protanopia

56, 72.148, 287.375

Deuteranopia

56, 25.893, 286.526



Tritanopia
55, 70.295, 28.488

Trichromacy



Original Color
55, 93.031, 340.300



Protanomaly
48, 85.492, 306.702



Deuteranomaly
49, 60.101, 322.625



Tritanomaly
54, 73.580, 6.186

Monochromacy



Original Color
55, 93.031, 340.300



Achromatopsia
41, 0.006, 296.813



Achromatomaly
41, 48.804, 335.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 92.957, 340.307 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(244, 5, 188)` looks like.

```
.text, #text, p{  
    color:rgb(244, 5, 188)  
}
```

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(244, 5, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 5, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 92.957, 340.307 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(244, 5, 188) }
```

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

```
.border{ border-color:rgb(244, 5, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 5, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 5, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 5, 188);  
box-shadow:4px 4px 4px 4px rgb(244, 5,  
188) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 92.957, 340.307 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 5, 188) }
```

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

```
.background{ background-color: rgb(244, 5,  
188) }
```

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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