

Converting Colors

CIELCh(55, 92.303, 342.393)

Have a look what the booklet for
CIELCh(55, 92.303, 342.393)
contains.

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Color

CIELCh(55, 91.943, 342.370)

Conversions

Conversions Part 1

Format	Color
Hex	F600B6
RGB	246, 0, 182
RGB Percent	96%, 0%, 71%
CMY	0.0358, 1.0000, 0.2867
CMYK	0.00, 1.00, 0.26, 0.04
HSL	316°, 100%, 48%
HSV	316°, 100%, 96%
XYZ	46.3863, 22.9298, 46.1747
YIQ	94.3020, 88.1940, 108.7540

Conversions

Conversions Part 2

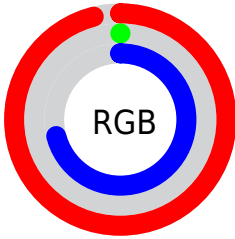
Format	Color
R_{YB}	246, 0, 182
Decimal	16122038
CIE _{Lab}	55.00, 87.62, -27.85
CIE _{LCh}	55, 91.943, 342.370
Yxy	22.9298, 0.4016, 0.1985
Android (android.graphics.Color)	4294312118 (0xFFFF600B6)
YUV	94.3020, 43.2351, 133.0391
Hunter-Lab	47.8851, 89.1138, -23.6527

Details

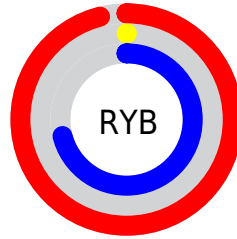
The CIELCh color **55, 91.943, 342.370** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **85, 106.778, 139.663**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 84.880, 331.150**, and **41, 72.296, 344.798** is the 20% darker color. If you saturate the color by 10%, you get **55, 91.902, 342.375**, and if you desaturate by 10%, it is **56, 91.360, 340.799**.

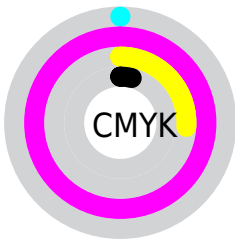
Distribution



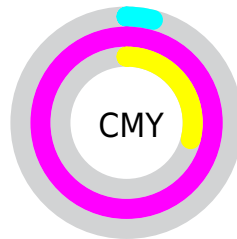
- Red (96%)
- Green (0%)
- Blue (71%)



- Red (96%)
- Yellow (0%)
- Blue (71%)



- Cyan (0%)
- Magenta (100%)
- Yellow (26%)
- Black (4%)





- Cyan (4%)
- Magenta (100%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 91.943, 342.370 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, 91.943, 342.370 by changing the saturation by 10% instead.


 55, 91.943,
342.370


 55, 91.943,
342.370


 100, 91.943,
342.370


 45, 91.943,
342.370


 75, 91.943,
342.370

 35, 91.943,
342.370

 85, 91.943,
342.370

 25, 91.943,
342.370

 95, 91.943,
342.370

 15, 91.943,
342.370

 5, 91.943, 342.370

 0, 91.943, 342.370

■ 55, 91.943,
342.370

■ 55, 91.943,
342.370

■ 55, 91.902,
342.375

■ 56, 91.360,
340.799

■ 58, 88.285,
339.462

■ 60, 82.337,
338.323

■ 64, 73.843,
337.325

■ 68, 63.371,
336.424

■ 73, 51.547,
335.592

■ 79, 38.926,
334.811

■ 85, 25.940,

334.071

■ 91, 12.900,
333.360

Harmonies

Complementary

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



55, 91.943, 342.370



85, 106.778, 139.663

Rectangle

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



55, 91.943, 342.370



55, 91.943, 32.370



55, 91.943, 162.370



55, 91.943, 212.370

Sweetspot

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



55, 91.902, 342.375



81, 40.092, 334.816



33, 127.586, 307.597



41, 27.301, 335.140



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, 91.902, 342.375



57, 94.442, 342.410



52, 88.325, 26.580



48, 7.303, 333.323



42, 74.809, 342.064



10, 34.079, 339.780

Inverse Universe

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



55, 91.902, 342.375



57, 94.442, 342.410



87, 64.847, 165.680



48, 7.303, 333.323



42, 74.809, 342.064



10, 34.079, 339.780

Previews

White Background



This preview shows how the CIELCh color 55, 91.943, 342.370 looks on a white background.

Color Contrast Check

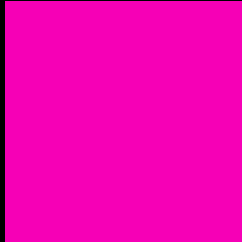
Large Text (above 18pt) WCAG AA ✓ Pass

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, 91.943, 342.370 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, 91.943, 342.370

Background



This preview shows how black text looks on a background with the CIELCh color 55, 91.943, 342.370.



This preview shows how white text looks on a background with the CIELCh color 55, 91.943, 342.370.

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, 91.943, 342.370

Protanopia

56, 72.130, 287.468

Deuteranopia

56, 22.394, 288.394



Tritanopia
55, 72.638, 29.373

Trichromacy



Original Color
55, 91.943, 342.370



Protanomaly
47, 85.069, 307.295



Deuteranomaly
49, 58.946, 325.777



Tritanomaly
54, 75.119, 8.186

Monochromacy



Original Color
55, 91.943, 342.370



Achromatopsia
40, 0.006, 296.813



Achromatomaly
40, 49.357, 337.028

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 91.943, 342.370 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(246, 0, 182)` looks like.

```
.text, #text, p{  
    color:rgb(246, 0, 182)  
}
```

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(246, 0, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 0, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 91.943, 342.370 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(246, 0, 182) }
```

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

```
.border{ border-color:rgb(246, 0, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 0, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 0, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 0, 182);  
box-shadow:4px 4px 4px 4px rgb(246, 0,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 91.943, 342.370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 0, 182) }
```

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

```
.background{ background-color: rgb(246, 0,  
182) }
```

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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