

Converting Colors

CIELCh(55, 91.411, 342.584)

Have a look what the booklet for
CIELCh(55, 91.411, 342.584)
contains.

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Color

CIELCh(55, 91.465, 342.682)

Conversions

Conversions Part 1

Format	Color
Hex	F602B5
RGB	246, 2, 181
RGB Percent	96%, 1%, 71%
CMY	0.0361, 0.9915, 0.2909
CMYK	0.00, 0.99, 0.26, 0.04
HSL	316°, 98%, 49%
HSV	316°, 99%, 96%
XYZ	46.2782, 22.9298, 45.6056
YIQ	95.3620, 87.9650, 107.3970

Conversions

Conversions Part 2

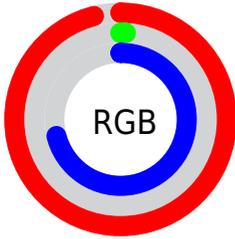
Format	Color
R_{YB}	246, 2, 181
Decimal	16122549
CIE Lab	55.00, 87.32, -27.23
CIE LCh	55, 91.465, 342.682
Yxy	22.9298, 0.4031, 0.1997
Android (android.graphics.Color)	4294312629 (0xFFFF602B5)
YUV	95.3620, 42.2195, 132.1095
Hunter-Lab	47.8851, 88.7109, -22.9480

Details

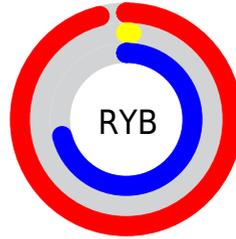
The CIELCh color **55, 91.465, 342.682** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **85, 105.856, 139.980**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **67, 84.513, 331.387**, and **41, 72.047, 345.200** is the 20% darker color. If you saturate the color by 10%, you get **55, 91.472, 342.831**, and if you desaturate by 10%, it is **56, 90.794, 341.068**.

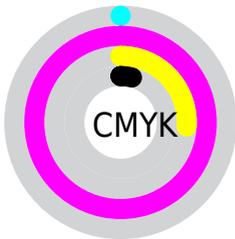
Distribution



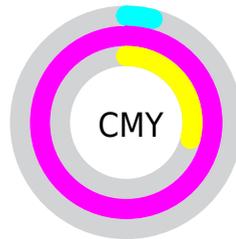
- Red (96%)
- Green (1%)
- Blue (71%)



- Red (96%)
- Yellow (1%)
- Blue (71%)



- Cyan (0%)
- Magenta (99%)
- Yellow (26%)
- Black (4%)



- Cyan (4%)
- Magenta (99%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 91.465, 342.682 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, 91.465, 342.682 by changing the saturation by 10% instead.

 55, 91.465,
342.682

 55, 91.465,
342.682

 100, 91.465,
342.682

 45, 91.465,
342.682

 75, 91.465,
342.682

 35, 91.465,
342.682

 85, 91.465,
342.682

 25, 91.465,
342.682

 95, 91.465,
342.682

 15, 91.465,
342.682

 5, 91.465, 342.682

 0, 91.465, 342.682

■ 55, 91.465,
342.682

■ 55, 91.465,
342.682

■ 55, 91.472,
342.831

■ 56, 90.794,
341.068

■ 58, 87.487,
339.709

■ 61, 81.327,
338.554

■ 64, 72.670,
337.543

■ 69, 62.097,
336.632

■ 74, 50.232,
335.793

■ 79, 37.618,
335.007

■ 85, 24.676,

334.263

91, 11.703,
333.548

Harmonies

Complementary

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



55, 91.465, 342.682



85, 105.856, 139.980

Rectangle

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



55, 91.465, 342.682



55, 91.465, 32.682



55, 91.465, 162.682



55, 91.465, 212.682

Sweetspot

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



55, 91.461, 342.682



81, 39.915, 335.079



34, 126.793, 307.783



41, 27.182, 335.407



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, 91.461, 342.682



57, 94.022, 342.868



52, 88.746, 27.475



48, 7.269, 333.573



42, 74.480, 342.509



10, 33.942, 340.140

Inverse Universe

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



55, 91.461, 342.682



57, 94.022, 342.868



87, 63.219, 167.390



48, 7.269, 333.573



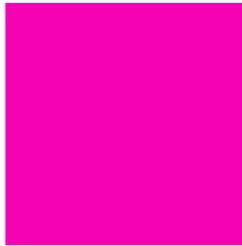
42, 74.480, 342.509



10, 33.942, 340.140

Previews

White Background



This preview shows how the CIELCh color 55, 91.465, 342.682 looks on a white background.

Color Contrast Check

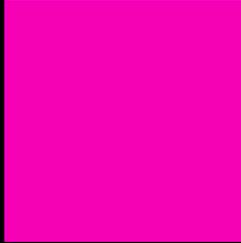
Large Text (above 18pt) WCAG AA ✓ Pass

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, 91.465, 342.682 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

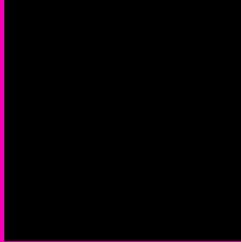
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

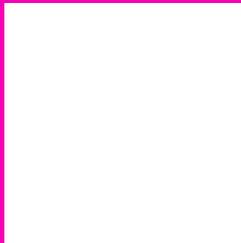
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 91.465, 342.682

Background



This preview shows how black text looks on a background with the CIELCh color 55, 91.465, 342.682.



This preview shows how white text looks on a background with the CIELCh color 55, 91.465, 342.682.

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, 91.538, 342.674

Protanopia

56, 72.130, 287.468

Deuteranopia

55, 22.396, 290.157



Tritanopia
55, 72.876, 29.126

Trichromacy



Original Color
55, 91.538, 342.674



Protanomaly
47, 84.493, 307.139



Deuteranomaly
49, 57.925, 326.053



Tritanomaly
54, 75.131, 8.622

Monochromacy



Original Color
55, 91.538, 342.674



Achromatopsia
40, 0.006, 296.813



Achromatomaly
40, 48.994, 337.514

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 91.465, 342.682 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, 2, 181)` looks like.

```
.text, #text, p{  
    color:rgb(246, 2, 181)  
}
```

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, 2, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 2, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 91.465, 342.682 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, 2, 181) }
```

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

```
.border{ border-color:rgb(246, 2, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 2, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 2, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 2, 181);  
box-shadow:4px 4px 4px 4px rgb(246, 2,  
181) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 91.465, 342.682 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 2, 181) }
```

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

```
.background{ background-color: rgb(246, 2,  
181) }
```

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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