

Converting Colors

CIELCh(55, 86.571, 344.665)

Have a look what the booklet for
CIELCh(55, 86.571, 344.665)
contains.

CIELCh(55, 86.436, 344.795)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(55, 86.436, 344.795)

Conversions

Conversions Part 1

Format	Color
Hex	F31DAD
RGB	243, 29, 173
RGB Percent	95%, 11%, 68%
CMY	0.0473, 0.8867, 0.3218
CMYK	0.00, 0.88, 0.29, 0.05
HSL	320°, 90%, 53%
HSV	320°, 88%, 95%
XYZ	44.9123, 22.9298, 41.5648
YIQ	109.4020, 81.3200, 90.1520

Conversions

Conversions Part 2

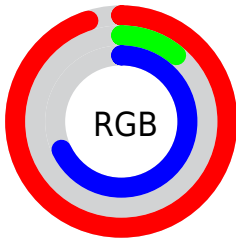
Format	Color
R_{YB}	243, 29, 173
Decimal	15932845
CIE _{Lab}	55.00, 83.41, -22.67
CIE _{LCh}	55, 86.436, 344.795
Yxy	22.9298, 0.4105, 0.2096
Android (android.graphics.Color)	4294122925 (0xFFFF31DAD)
YUV	109.4020, 31.3538, 117.1654
Hunter-Lab	47.8851, 83.6195, -17.9448

Details

The CIELCh color **55, 86.436, 344.795** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle washed rose. A complement of this color would be **85, 93.880, 144.025**, and the grayscale version is **46, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 78.317, 333.507**, and **40, 69.933, 347.962** is the 20% darker color. If you saturate the color by 10%, you get **54, 87.210, 346.929**, and if you desaturate by 10%, it is **57, 83.009, 343.050**.

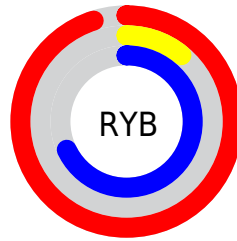
Distribution



Red (95%)

Green (11%)

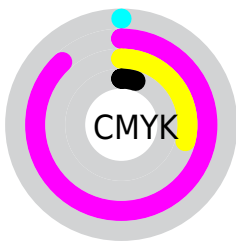
Blue (68%)



Red (95%)

Yellow (11%)

Blue (68%)

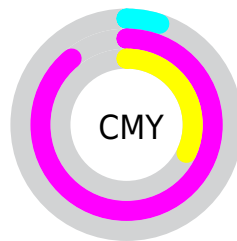


Cyan (0%)

Magenta (88%)

Yellow (29%)

Black (5%)



Cyan (5%)


Magenta (89%)


Yellow (32%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 86.436, 344.795 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, 86.436, 344.795 by changing the saturation by 10% instead.


 55, 86.436,
344.795


 55, 86.436,
344.795


 100, 86.436,
344.795


 45, 86.436,
344.795


 75, 86.436,
344.795

 35, 86.436,
344.795

 85, 86.436,
344.795

 25, 86.436,
344.795

 95, 86.436,
344.795

 15, 86.436,
344.795

 5, 86.436, 344.795

 0, 86.436, 344.795

■ 55, 86.436,
344.795

■ 55, 86.436,
344.795

■ 54, 87.210,
346.929

■ 57, 83.009,
343.050

■ 54, 87.227,
347.359

■ 60, 76.844,
341.610

■ 64, 68.324,
340.390

■ 68, 58.040,
339.325

■ 73, 46.598,
338.373

■ 79, 34.514,
337.503

■ 85, 22.178,
336.696

■ 91, 9.860, 335.928

Harmonies

Complementary

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



55, 86.436, 344.795



85, 93.880, 144.025

Rectangle

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



55, 86.436, 344.795



55, 86.436, 34.795



55, 86.436, 164.795



55, 86.436, 214.795

Sweetspot

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



55, 86.432, 344.796



84, 33.204, 337.334



38, 117.924, 308.635



42, 22.506, 337.623



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, 86.432, 344.796



56, 90.443, 347.427



52, 83.818, 25.458



48, 6.963, 336.034



41, 71.660, 346.936



10, 32.737, 343.715

Inverse Universe

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



55, 86.432, 344.796



56, 90.443, 347.427



86, 56.377, 174.325



48, 6.963, 336.034



41, 71.660, 346.936



10, 32.737, 343.715

Previews

White Background



This preview shows how the CIELCh color 55, 86.436, 344.795 looks on a white background.

Color Contrast Check

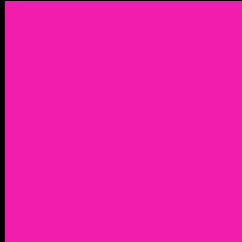
Large Text (above 18pt) WCAG AA ✓ Pass

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, 86.436, 344.795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

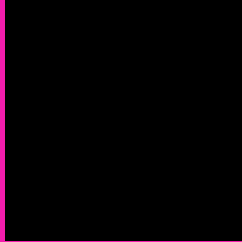
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 55, 86.436, 344.795

Background



This preview shows how black text looks on a background with the CIELCh color 55, 86.436, 344.795.



This preview shows how white text looks on a background with the CIELCh color 55, 86.436, 344.795.

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





Tritanopia
55, 71.625, 28.854

Trichromacy



Original Color
55, 86.436, 344.795



Protanomaly
50, 72.733, 307.781



Deuteranomaly
51, 49.631, 328.726

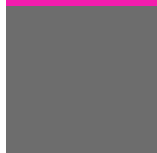


Tritanomaly
54, 72.194, 10.470

Monochromacy



Original Color
55, 86.436, 344.795



Achromatopsia
46, 0.006, 296.813



Achromatomaly
45, 41.815, 339.618

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 86.436, 344.795 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, 29, 173)` looks like.

```
.text, #text, p{  
    color:rgb(243, 29, 173)  
}
```

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, 29, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 29, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 86.436, 344.795 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, 29, 173) }
```

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

```
.border{ border-color:rgb(243, 29, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 29, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 29, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 29, 173);  
box-shadow:4px 4px 4px 4px rgb(243, 29,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 86.436, 344.795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 29, 173) }
```

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

```
.background{ background-color: rgb(243, 29,  
173) }
```

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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