

Converting Colors

CIELCh(55, 85.656, 353.858)

Have a look what the booklet for
CIELCh(55, 85.656, 353.858)
contains.

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Color

CIELCh(55, 85.565, 353.871)

Conversions

Conversions Part 1

Format	Color
Hex	FB0796
RGB	251, 7, 150
RGB Percent	98%, 3%, 59%
CMY	0.0145, 0.9714, 0.4108
CMYK	0.00, 0.97, 0.40, 0.01
HSL	325°, 97%, 51%
HSV	325°, 97%, 99%
XYZ	45.4911, 22.9298, 30.9839
YIQ	96.2580, 99.5210, 96.2010

Conversions

Conversions Part 2

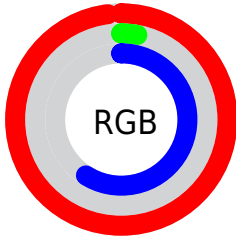
Format	Color
RYB	251, 7, 150
Decimal	16451478
CIELab	55.00, 85.08, -9.14
CIElCh	55, 85.565, 353.871
Yxy	22.9298, 0.4576, 0.2307
Android (android.graphics.Color)	4294641558 (0xFFFB0796)
YUV	96.2580, 26.4948, 135.7087
Hunter-Lab	47.8851, 85.7770, -4.8438

Details

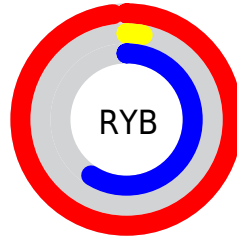
The CIELCh color **55, 85.565, 353.871** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **87, 95.010, 145.399**, and the grayscale version is **41, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 73.041, 340.889**, and **41, 67.745, 359.549** is the 20% darker color. If you saturate the color by 10%, you get **55, 85.640, 354.820**, and if you desaturate by 10%, it is **56, 84.447, 350.881**.

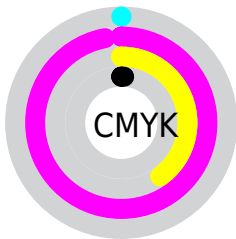
Distribution



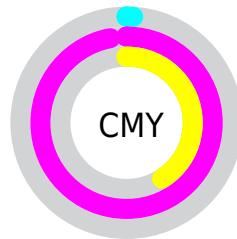
- Red (98%)
- Green (3%)
- Blue (59%)



- Red (98%)
- Yellow (3%)
- Blue (59%)



- Cyan (0%)
- Magenta (97%)
- Yellow (40%)
- Black (1%)





- Cyan (1%)
- Magenta (97%)
- Yellow (41%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 85.565, 353.871 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, 85.565, 353.871 by changing the saturation by 10% instead.


 55, 85.565,
353.871


 55, 85.565,
353.871


 100, 85.565,
353.871


 45, 85.565,
353.871


 75, 85.565,
353.871

 35, 85.565,
353.871

 85, 85.565,
353.871

 25, 85.565,
353.871

 95, 85.565,
353.871

 15, 85.565,
353.871

 5, 85.565, 353.871

 0, 85.565, 353.871

■ 55, 85.565,
353.871

■ 55, 85.565,
353.871

■ 55, 85.640,
354.820

■ 56, 84.447,
350.881

■ 58, 80.712,
348.495

■ 62, 74.319,
346.583

■ 66, 65.683,
345.018

■ 71, 55.407,
343.702

■ 76, 44.099,
342.564

■ 82, 32.257,
341.556

■ 88, 20.253,

340.645

 94, 8.333, 339.790

Harmonies

Complementary

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



55, 85.565, 353.871



87, 95.010, 145.399

Rectangle

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



55, 85.565, 353.871



55, 85.565, 43.871



55, 85.565, 173.871



55, 85.565, 223.871

Sweetspot

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



55, 85.561, 353.872



82, 34.944, 341.742



38, 124.953, 309.814



41, 23.971, 342.167



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, 85.561, 353.872



56, 86.585, 354.849



53, 97.174, 35.583



49, 6.658, 339.995



41, 69.254, 354.179



10, 32.110, 349.747

Inverse Universe

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



55, 85.561, 353.872



56, 86.585, 354.849



89, 54.217, 182.377



49, 6.658, 339.995



41, 69.254, 354.179



10, 32.110, 349.747

Previews

White Background



This preview shows how the CIELCh color 55, 85.565, 353.871 looks on a white background.

Color Contrast Check

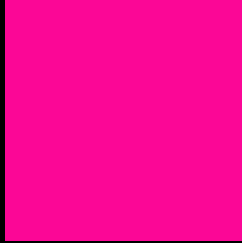
Large Text (above 18pt) WCAG AA ✓ Pass

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, 85.565, 353.871 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, 85.565, 353.871

Background



This preview shows how black text looks on a background with the CIELCh color 55, 85.565, 353.871.



This preview shows how white text looks on a background with the CIELCh color 55, 85.565, 353.871.

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, 85.496, 353.889

Protanopia
56, 48.929, 285.866

Deuteranopia
55, 7.708, 332.162



Tritanopia
55, 81.717, 32.294

Trichromacy



Original Color
55, 85.496, 353.889



Protanomaly
48, 64.571, 316.460



Deuteranomaly
50, 48.113, 343.682



Tritanomaly
54, 79.667, 17.676

Monochromacy



Original Color
55, 85.496, 353.889



Achromatopsia
41, 0.006, 296.813



Achromatomaly
41, 44.761, 344.991

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 85.565, 353.871 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(251, 7, 150)` looks like.

```
.text, #text, p{  
    color:rgb(251, 7, 150)  
}
```

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(251, 7, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 7, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 85.565, 353.871 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(251, 7, 150) }
```

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

```
.border{ border-color:rgb(251, 7, 150) }
```

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

Here you see how a box with a 4 pixel rgb(251, 7, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 7, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 7, 150);  
box-shadow:4px 4px 4px 4px rgb(251, 7,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 85.565, 353.871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 7, 150) }
```

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

```
.background{ background-color: rgb(251, 7,  
150) }
```

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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