

Converting Colors

CIELCh(55, 85.247, 356.853)

Have a look what the booklet for
CIELCh(55, 85.247, 356.853)
contains.

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Color

CIELCh(55, 85.227, 356.778)

Conversions

Conversions Part 1

Format	Color
Hex	FD038F
RGB	253, 3, 143
RGB Percent	99%, 1%, 56%
CMY	0.0079, 0.9880, 0.4392
CMYK	0.00, 0.99, 0.43, 0.01
HSL	326°, 98%, 50%
HSV	326°, 99%, 99%
XYZ	45.4968, 22.9298, 28.0138
YIQ	93.7100, 104.0600, 96.5400

Conversions

Conversions Part 2

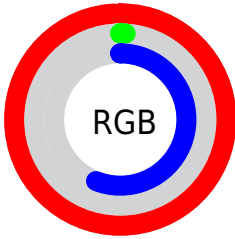
Format	Color
R_{YB}	253, 3, 143
Decimal	16581519
CIE _{Lab}	55.00, 85.09, -4.79
CIE _{LCh}	55, 85.227, 356.778
Yxy	22.9298, 0.4718, 0.2378
Android (android.graphics.Color)	4294771599 (0xFFFD038F)
YUV	93.7100, 24.3000, 139.6973
Hunter-Lab	47.8851, 85.7982, -1.1663

Details

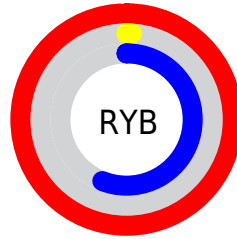
The CIELCh color **55, 85.227, 356.778** is a dark color, and the websafe version is hex **FF0099**. The color can be described as dark saturated rose. A complement of this color would be **88, 94.201, 146.122**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 71.524, 343.268**, and **41, 67.817, 3.098** is the 20% darker color. If you saturate the color by 10%, you get **55, 85.279, 357.210**, and if you desaturate by 10%, it is **56, 84.300, 353.406**.

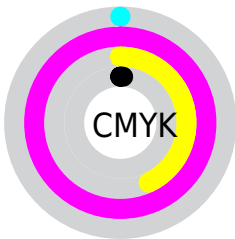
Distribution



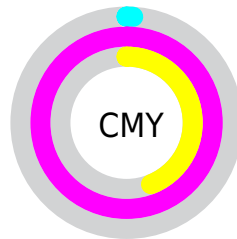
- Red (99%)
- Green (1%)
- Blue (56%)



- Red (99%)
- Yellow (1%)
- Blue (56%)



- Cyan (0%)
- Magenta (99%)
- Yellow (43%)
- Black (1%)





- Cyan (1%)
- Magenta (99%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 85.227, 356.778 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, 85.227, 356.778 by changing the saturation by 10% instead.

 55, 85.227,
356.778


 55, 85.227,
356.778


 100, 85.227,
356.778


 45, 85.227,
356.778


 75, 85.227,
356.778

 35, 85.227,
356.778

 85, 85.227,
356.778

 25, 85.227,
356.778

 95, 85.227,
356.778

 15, 85.227,
356.778

 5, 85.227, 356.778

 0, 85.227, 356.778

■ 55, 85.227,
356.778

■ 55, 85.227,
356.778

■ 55, 85.279,
357.210

■ 56, 84.300,
353.406

■ 58, 80.960,
350.699

■ 61, 74.972,
348.547

■ 65, 66.686,
346.808

■ 70, 56.687,
345.366

■ 75, 45.586,
344.136

■ 81, 33.903,
343.060

■ 87, 22.024,

342.098

94, 10.212,
341.212

Harmonies

Complementary

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



55, 85.227, 356.778



88, 94.201, 146.122

Rectangle

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



55, 85.227, 356.778



55, 85.227, 46.778



55, 85.227, 176.778



55, 85.227, 226.778

Sweetspot

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



55, 85.223, 356.779



81, 35.553, 343.185



39, 125.546, 310.345



41, 24.250, 343.629



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, 85.223, 356.779



55, 85.786, 357.227



53, 100.623, 37.742



50, 6.648, 341.274



41, 69.268, 356.531



11, 32.559, 351.879

Inverse Universe

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



55, 85.223, 356.779



55, 85.786, 357.227



90, 52.758, 186.613



50, 6.648, 341.274



41, 69.268, 356.531



11, 32.559, 351.879

Previews

White Background



This preview shows how the CIELCh color 55, 85.227, 356.778 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, 85.227, 356.778 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, 85.227, 356.778

Background



This preview shows how black text looks on a background with the CIELCh color 55, 85.227, 356.778.



This preview shows how white text looks on a background with the CIELCh color 55, 85.227, 356.778.

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, 85.227, 356.778

Protanopia
56, 43.746, 286.136

Deuteranopia
56, 7.042, 6.064



Tritanopia
55, 83.804, 32.827

Trichromacy



Original Color
55, 85.227, 356.778



Protanomaly
48, 61.543, 319.719



Deuteranomaly
50, 48.082, 348.527



Tritanomaly
54, 81.485, 19.128

Monochromacy



Original Color
55, 85.227, 356.778



Achromatopsia
40, 0.006, 296.813



Achromatomaly
40, 45.007, 346.629

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 85.227, 356.778 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(253, 3, 143)` looks like.

```
.text, #text, p{  
    color:rgb(253, 3, 143)  
}
```

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(253, 3, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 3, 143) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 85.227, 356.778 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(253, 3, 143) }
```

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

```
.border{ border-color:rgb(253, 3, 143) }
```

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

Here you see how a box with a 4 pixel rgb(253, 3, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 3, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 3, 143);  
box-shadow:4px 4px 4px 4px rgb(253, 3,  
143) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 85.227, 356.778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 3, 143) }
```

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

```
.background{ background-color: rgb(253, 3,  
143) }
```

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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