

Converting Colors

CIELCh(55, 85.710, 355.449)

Have a look what the booklet for
CIELCh(55, 85.710, 355.449)
contains.

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Color

CIELCh(55, 85.720, 355.649)

Conversions

Conversions Part 1

Format	Color
Hex	FD0092
RGB	253, 0, 146
RGB Percent	99%, 0%, 57%
CMY	0.0085, 0.9985, 0.4280
CMYK	0.00, 1.00, 0.42, 0.01
HSL	325°, 100%, 50%
HSV	325°, 100%, 99%
XYZ	45.6298, 22.9298, 29.1609
YIQ	92.2910, 103.9220, 99.0420

Conversions

Conversions Part 2

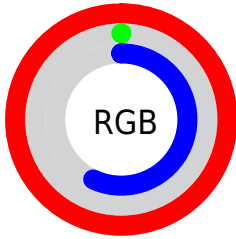
Format	Color
R_{YB}	253, 0, 146
Decimal	16580754
CIE _{Lab}	55.00, 85.47, -6.50
CIE _{LCh}	55, 85.720, 355.649
Yxy	22.9298, 0.4669, 0.2346
Android (android.graphics.Color)	4294770834 (0xFFFD0092)
YUV	92.2910, 26.4785, 140.9418
Hunter-Lab	47.8851, 86.2939, -2.5866

Details

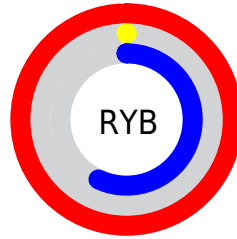
The CIELCh color **55, 85.720, 355.649** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **88, 96.190, 145.193**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 72.355, 342.201**, and **41, 67.975, 1.592** is the 20% darker color. If you saturate the color by 10%, you get **55, 85.721, 355.700**, and if you desaturate by 10%, it is **56, 85.037, 352.408**.

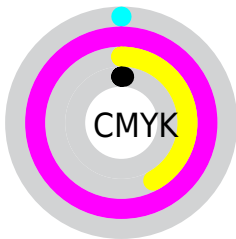
Distribution



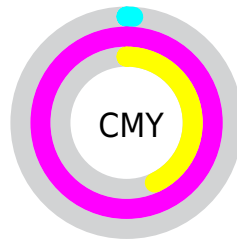
- Red (99%)
- Green (0%)
- Blue (57%)



- Red (99%)
- Yellow (0%)
- Blue (57%)



- Cyan (0%)
- Magenta (100%)
- Yellow (42%)
- Black (1%)




- Cyan (1%)
- Magenta (100%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 85.720, 355.649 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, 85.720, 355.649 by changing the saturation by 10% instead.


 55, 85.720,
355.649


 55, 85.720,
355.649


 100, 85.720,
355.649

 45, 85.720,
355.649


 75, 85.720,
355.649

 35, 85.720,
355.649

 85, 85.720,
355.649

 25, 85.720,
355.649

 95, 85.720,
355.649

 15, 85.720,
355.649

 5, 85.720, 355.649

 0, 85.720, 355.649

■ 55, 85.720,
355.649

■ 55, 85.720,
355.649

■ 55, 85.721,
355.700

■ 56, 85.037,
352.408

■ 58, 82.026,
349.779

■ 61, 76.316,
347.686

■ 65, 68.225,
345.989

■ 70, 58.326,
344.579

■ 75, 47.241,
343.372

■ 81, 35.506,
342.314

■ 87, 23.525,

341.365

93, 11.578,
340.491

Harmonies

Complementary

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



55, 85.720, 355.649



88, 96.190, 145.193

Rectangle

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



55, 85.720, 355.649



55, 85.720, 45.649



55, 85.720, 175.649



55, 85.720, 225.649

Sweetspot

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



55, 85.716, 355.650



81, 35.928, 342.330



38, 126.410, 309.970



41, 24.501, 342.762



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, 85.716, 355.650



55, 86.271, 355.717



53, 100.347, 37.383



50, 6.725, 340.461



42, 69.676, 355.059



11, 32.789, 350.666

Inverse Universe

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



55, 85.716, 355.650



55, 86.271, 355.717



90, 53.778, 184.243



50, 6.725, 340.461



42, 69.676, 355.059



11, 32.789, 350.666

Previews

White Background



This preview shows how the CIELCh color 55, 85.720, 355.649 looks on a white background.

Color Contrast Check

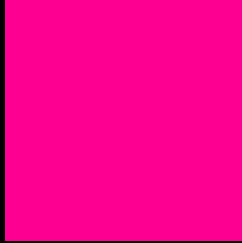
Large Text (above 18pt) WCAG AA ✓ Pass

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, 85.720, 355.649 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, 85.720, 355.649

Background



This preview shows how black text looks on a background with the CIELCh color 55, 85.720, 355.649.



This preview shows how white text looks on a background with the CIELCh color 55, 85.720, 355.649.

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, 85.787, 355.631

Protanopia

56, 45.444, 285.732

Deuteranopia

56, 7.247, 351.926



Tritanopia
55, 83.363, 32.678

Trichromacy



Original Color
55, 85.787, 355.631



Protanomaly
48, 64.004, 318.634



Deuteranomaly
50, 49.120, 346.203



Tritanomaly
54, 81.215, 18.339

Monochromacy



Original Color
55, 85.787, 355.631



Achromatopsia
39, 0.006, 296.813



Achromatomaly
39, 45.567, 345.433

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 85.720, 355.649 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, 0, 146)` looks like.

```
.text, #text, p{  
    color:rgb(253, 0, 146)  
}
```

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, 0, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 0, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 85.720, 355.649 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, 0, 146) }
```

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

```
.border{ border-color:rgb(253, 0, 146) }
```

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

Here you see how a box with a 4 pixel rgb(253, 0, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 0, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 0, 146);  
box-shadow:4px 4px 4px 4px rgb(253, 0,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 85.720, 355.649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 0, 146) }
```

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

```
.background{ background-color: rgb(253, 0,  
146) }
```

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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