

Converting Colors

CIELCh(55, 88.299, 349.334)

Have a look what the booklet for
CIELCh(55, 88.299, 349.334)
contains.

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Color

CIELCh(55, 87.854, 349.429)

Conversions

Conversions Part 1

Format	Color
Hex	FA00A2
RGB	250, 0, 162
RGB Percent	98%, 0%, 64%
CMY	0.0196, 0.9999, 0.3647
CMYK	0.00, 1.00, 0.35, 0.02
HSL	321°, 100%, 49%
HSV	321°, 100%, 98%
XYZ	45.9417, 22.9298, 36.1835
YIQ	93.2180, 96.9980, 103.3820

Conversions

Conversions Part 2

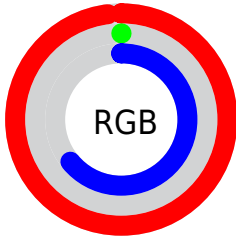
Format	Color
R_{YB}	250, 0, 162
Decimal	16384162
CIE _{Lab}	55.00, 86.36, -16.12
CIE _{LCh}	55, 87.854, 349.429
Yxy	22.9298, 0.4373, 0.2183
Android (android.graphics.Color)	4294574242 (0xFFFA00A2)
YUV	93.2180, 33.9095, 137.4978
Hunter-Lab	47.8851, 87.4566, -11.2818

Details

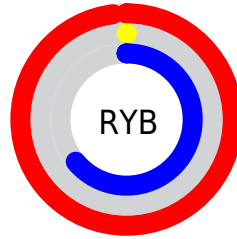
The CIELCh color **55, 87.854, 349.429** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **87, 101.431, 142.434**, and the grayscale version is **39, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 77.550, 336.711**, and **41, 69.044, 354.236** is the 20% darker color. If you saturate the color by 10%, you get **55, 87.850, 349.431**, and if you desaturate by 10%, it is **56, 87.409, 346.970**.

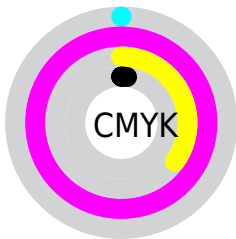
Distribution



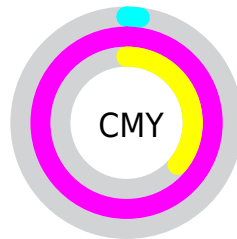
- Red (98%)
- Green (0%)
- Blue (64%)



- Red (98%)
- Yellow (0%)
- Blue (64%)



- Cyan (0%)
- Magenta (100%)
- Yellow (35%)
- Black (2%)





- Cyan (2%)
- Magenta (100%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 87.854, 349.429 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, 87.854, 349.429 by changing the saturation by 10% instead.


 55, 87.854,
349.429


 55, 87.854,
349.429

 100, 87.854,
349.429


 45, 87.854,
349.429


 75, 87.854,
349.429

 35, 87.854,
349.429

 85, 87.854,
349.429

 25, 87.854,
349.429

 95, 87.854,
349.429

 15, 87.854,
349.429

 5, 87.854, 349.429

 0, 87.854, 349.429

■ 55, 87.854,
349.429

■ 55, 87.854,
349.429

■ 55, 87.850,
349.431

■ 56, 87.409,
346.970

■ 58, 84.511,
344.950

■ 61, 78.803,
343.307

■ 65, 70.613,
341.940

■ 69, 60.520,
340.769

■ 74, 49.151,
339.739

■ 80, 37.055,
338.810

■ 86, 24.653,

337.959

92, 12.239,
337.161

Harmonies

Complementary

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



55, 87.854, 349.429



87, 101.431, 142.434

Rectangle

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



55, 87.854, 349.429



55, 87.854, 39.429



55, 87.854, 169.429



55, 87.854, 219.429

Sweetspot

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



55, 87.850, 349.430



81, 37.664, 338.814



36, 127.058, 308.852



41, 25.665, 339.195



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, 87.850, 349.430



56, 89.163, 349.462



52, 95.620, 33.939



49, 6.957, 337.122



42, 71.349, 348.939



10, 33.134, 345.489

Inverse Universe

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



55, 87.850, 349.430



56, 89.163, 349.462



89, 57.719, 175.906



49, 6.957, 337.122



42, 71.349, 348.939



10, 33.134, 345.489

Previews

White Background



This preview shows how the CIELCh color 55, 87.854, 349.429 looks on a white background.

Color Contrast Check

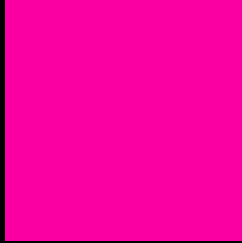
Large Text (above 18pt) WCAG AA ✓ Pass

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, 87.854, 349.429 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, 87.854, 349.429

Background



This preview shows how black text looks on a background with the CIELCh color 55, 87.854, 349.429.

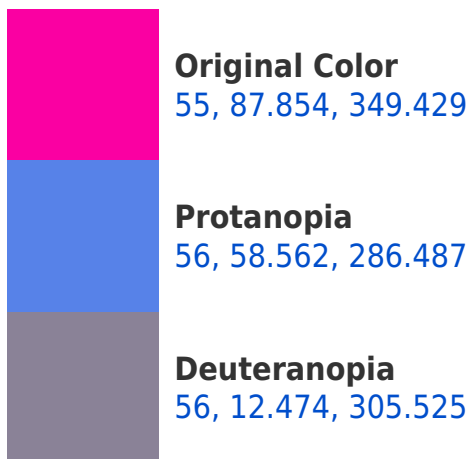


This preview shows how white text looks on a background with the CIELCh color 55, 87.854, 349.429.

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, 78.897, 31.262

Trichromacy



Original Color
55, 87.854, 349.429



Protanomaly
48, 73.588, 312.314



Deuteranomaly
50, 52.548, 336.195



Tritanomaly
54, 78.214, 14.078

Monochromacy



Original Color
55, 87.854, 349.429



Achromatopsia
39, 0.006, 296.813



Achromatomaly
39, 47.364, 341.745

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 87.854, 349.429 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(250, 0, 162)` looks like.

```
.text, #text, p{  
    color:rgb(250, 0, 162)  
}
```

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(250, 0, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 0, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 87.854, 349.429 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(250, 0, 162) }
```

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

```
.border{ border-color:rgb(250, 0, 162) }
```

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

Here you see how a box with a 4 pixel rgb(250, 0, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 0, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 0, 162);  
box-shadow:4px 4px 4px 4px rgb(250, 0,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 87.854, 349.429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 0, 162) }
```

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

```
.background{ background-color: rgb(250, 0,  
162) }
```

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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