

Converting Colors

CIELCh(55, 88.979, 348.019)

Have a look what the booklet for
CIELCh(55, 88.979, 348.019)
contains.

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Color

CIELCh(55, 88.645, 348.121)

Conversions

Conversions Part 1

Format	Color
Hex	FA00A6
RGB	250, 0, 166
RGB Percent	98%, 0%, 65%
CMY	0.0215, 1.0000, 0.3506
CMYK	0.00, 1.00, 0.34, 0.02
HSL	320°, 100%, 49%
HSV	320°, 100%, 98%
XYZ	46.0766, 22.9298, 37.8783
YIQ	93.6740, 95.7140, 104.6260

Conversions

Conversions Part 2

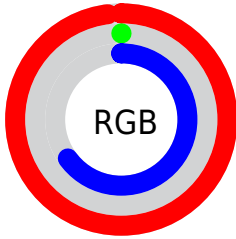
Format	Color
R_{YB}	250, 0, 166
Decimal	16384166
CIE _{Lab}	55.00, 86.75, -18.25
CIE _{LCh}	55, 88.645, 348.121
Yxy	22.9298, 0.4311, 0.2145
Android (android.graphics.Color)	4294574246 (0xFFFA00A6)
YUV	93.6740, 35.6567, 137.0979
Hunter-Lab	47.8851, 87.9594, -13.3803

Details

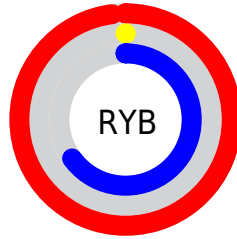
The CIELCh color **55, 88.645, 348.121** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **86, 102.522, 141.901**, and the grayscale version is **40, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 78.878, 335.553**, and **41, 69.681, 352.389** is the 20% darker color. If you saturate the color by 10%, you get **55, 88.500, 348.147**, and if you desaturate by 10%, it is **56, 88.071, 345.850**.

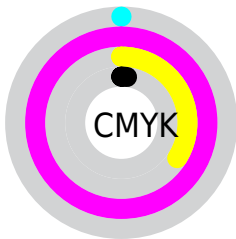
Distribution



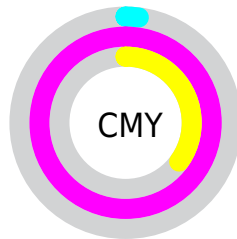
- Red (98%)
- Green (0%)
- Blue (65%)



- Red (98%)
- Yellow (0%)
- Blue (65%)



- Cyan (0%)
- Magenta (100%)
- Yellow (34%)
- Black (2%)





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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 88.645, 348.121 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, 88.645, 348.121 by changing the saturation by 10% instead.


 55, 88.645,
348.121


 55, 88.645,
348.121


 100, 88.645,
348.121


 45, 88.645,
348.121


 75, 88.645,
348.121

 35, 88.645,
348.121

 85, 88.645,
348.121

 25, 88.645,
348.121

 95, 88.645,
348.121

 15, 88.645,
348.121

 5, 88.645, 348.121

 0, 88.645, 348.121

■ 55, 88.645,
348.121

■ 55, 88.645,
348.121

■ 55, 88.500,
348.147

■ 56, 88.071,
345.850

■ 58, 85.164,
343.955

■ 61, 79.428,
342.405

■ 65, 71.192,
341.106

■ 69, 61.036,
339.985

■ 74, 49.589,
338.990

■ 80, 37.400,
338.089

■ 86, 24.893,

337.258

■ 92, 12.365,
336.476

Harmonies

Complementary

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



55, 88.645, 348.121



86, 102.522, 141.901

Rectangle

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



55, 88.645, 348.121



55, 88.645, 38.121



55, 88.645, 168.121



55, 88.645, 218.121

Sweetspot

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



55, 88.500, 348.147



81, 38.064, 338.092



35, 127.271, 308.608



41, 25.934, 338.463



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, 88.500, 348.147



56, 89.949, 348.178



52, 94.425, 32.875



49, 7.035, 336.437



42, 71.981, 347.691



10, 33.424, 344.475

Inverse Universe

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



55, 88.500, 348.147



56, 89.949, 348.178



88, 58.864, 174.020



49, 7.035, 336.437



42, 71.981, 347.691



10, 33.424, 344.475

Previews

White Background



This preview shows how the CIELCh color 55, 88.645, 348.121 looks on a white background.

Color Contrast Check

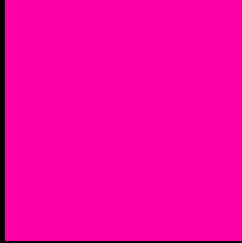
Large Text (above 18pt) WCAG AA ✓ Pass

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, 88.645, 348.121 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, 88.645, 348.121

Background



This preview shows how black text looks on a background with the CIELCh color 55, 88.645, 348.121.



This preview shows how white text looks on a background with the CIELCh color 55, 88.645, 348.121.

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, 88.645, 348.121

Protanopia

56, 61.378, 286.707

Deuteranopia

56, 14.003, 300.939



Tritanopia
55, 77.812, 30.703

Trichromacy



Original Color
55, 88.645, 348.121



Protanomaly
48, 75.612, 311.437



Deuteranomaly
49, 53.304, 334.129



Tritanomaly
54, 77.753, 13.074

Monochromacy



Original Color
55, 88.645, 348.121



Achromatopsia
39, 0.006, 296.813



Achromatomaly
39, 47.684, 341.164

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 88.645, 348.121 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(250, 0, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 0, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 88.645, 348.121 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, 166) }
```

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

```
.border{ border-color:rgb(250, 0, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 0, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 0, 166);  
box-shadow:4px 4px 4px 4px rgb(250, 0,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 88.645, 348.121 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, 166) }
```

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

```
.background{ background-color: rgb(250, 0,  
166) }
```

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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