

Converting Colors

CIELCh(55, 82.598, 353.791)

Have a look what the booklet for
CIELCh(55, 82.598, 353.791)
contains.

CIELCh(55, 82.670, 353.825)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(55, 82.670, 353.825)

Conversions

Conversions Part 1

Format	Color
Hex	F81C96
RGB	248, 28, 150
RGB Percent	97%, 11%, 59%
CMY	0.0288, 0.8889, 0.4129
CMYK	0.00, 0.89, 0.40, 0.03
HSL	327°, 94%, 54%
HSV	327°, 89%, 97%
XYZ	44.4916, 22.9298, 30.8124
YIQ	107.6880, 91.9580, 84.5820

Conversions

Conversions Part 2

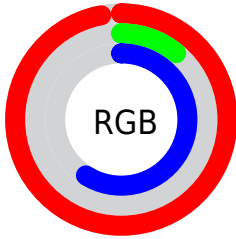
Format	Color
R_{YB}	248, 28, 150
Decimal	16260246
CIE _{Lab}	55.00, 82.19, -8.89
CIE _{LCh}	55, 82.670, 353.825
Yxy	22.9298, 0.4529, 0.2334
Android (android.graphics.Color)	4294450326 (0xFFFF81C96)
YUV	107.6880, 20.8598, 123.0536
Hunter-Lab	47.8851, 82.0513, -4.6315

Details

The CIELCh color **55, 82.670, 353.825** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle washed rose. A complement of this color would be **86, 86.210, 148.727**, and the grayscale version is **45, 0.006, 296.813**.

A 20% lighter version of the original color is **66, 70.673, 341.238**, and **40, 67.308, 358.989** is the 20% darker color. If you saturate the color by 10%, you get **54, 83.676, 357.244**, and if you desaturate by 10%, it is **57, 79.279, 351.086**.

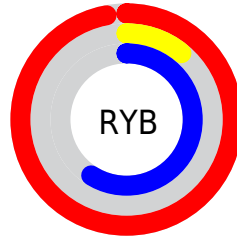
Distribution



Red (97%)

Green (11%)

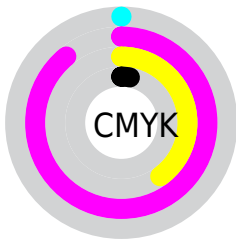
Blue (59%)



Red (97%)

Yellow (11%)

Blue (59%)

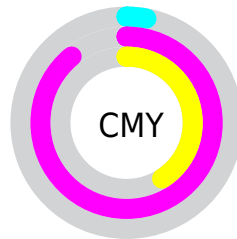


Cyan (0%)

Magenta (89%)

Yellow (40%)

Black (3%)



Cyan (3%)


Magenta (89%)


Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 82.670, 353.825 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, 82.670, 353.825 by changing the saturation by 10% instead.


 55, 82.670,
353.825


 55, 82.670,
353.825


 100, 82.670,
353.825


 45, 82.670,
353.825


 75, 82.670,
353.825

 35, 82.670,
353.825

 85, 82.670,
353.825

 25, 82.670,
353.825

 95, 82.670,
353.825

 15, 82.670,
353.825

 5, 82.670, 353.825

 0, 82.670, 353.825

■ 55, 82.670,
353.825

■ 55, 82.670,
353.825

■ 54, 83.676,
357.244

■ 57, 79.279,
351.086

■ 54, 83.755,
357.765

■ 60, 73.313,
348.910

■ 64, 65.119,
347.153

■ 69, 55.272,
345.698

■ 74, 44.370,
344.458

■ 80, 32.916,
343.375

■ 86, 21.284,
342.407

■ 92, 9.727, 341.516

Harmonies

Complementary

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



55, 82.670, 353.825



86, 86.210, 148.727

Rectangle

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



55, 82.670, 353.825



55, 82.670, 43.825



55, 82.670, 173.825



55, 82.670, 223.825

Sweetspot

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



55, 82.666, 353.826



83, 31.847, 343.221



41, 117.842, 310.866



42, 21.474, 343.570



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, 82.666, 353.826



55, 85.614, 357.830



53, 91.634, 33.771



49, 6.510, 341.598



41, 68.443, 357.081



10, 31.661, 352.114

Inverse Universe

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



55, 82.666, 353.826



55, 85.614, 357.830



88, 50.767, 187.498



49, 6.510, 341.598



41, 68.443, 357.081



10, 31.661, 352.114

Previews

White Background



This preview shows how the CIELCh color 55, 82.670, 353.825 looks on a white background.

Color Contrast Check

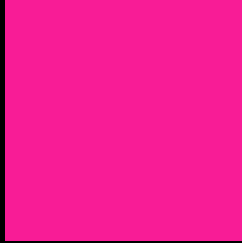
Large Text (above 18pt) WCAG AA ✓ Pass

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, 82.670, 353.825 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, 82.670, 353.825

Background



This preview shows how black text looks on a background with the CIELCh color 55, 82.670, 353.825.



This preview shows how white text looks on a background with the CIELCh color 55, 82.670, 353.825.

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, 82.821, 353.784

Protanopia

56, 46.667, 285.602

Deuteranopia

55, 8.402, 331.605



Tritanopia
55, 78.513, 31.214

Trichromacy



Original Color
55, 82.821, 353.784



Protanomaly
50, 58.695, 315.818



Deuteranomaly
51, 43.637, 344.146



Tritanomaly
55, 76.419, 17.278

Monochromacy



Original Color
55, 82.821, 353.784



Achromatopsia
46, 0.006, 296.813



Achromatomaly
45, 39.839, 345.935

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 82.670, 353.825 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(248, 28, 150)` looks like.

```
.text, #text, p{  
    color:rgb(248, 28, 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(248, 28, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 28, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 82.670, 353.825 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(248, 28, 150) }
```

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

```
.border{ border-color:rgb(248, 28, 150) }
```

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

Here you see how a box with a 4 pixel rgb(248, 28, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 28, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 28, 150);  
box-shadow:4px 4px 4px 4px rgb(248, 28,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 82.670, 353.825 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 28, 150) }
```

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

```
.background{ background-color: rgb(248, 28,  
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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