

Converting Colors

CIELCh(55, 74.552, 5.355)

Have a look what the booklet for
CIELCh(55, 74.552, 5.355) contains.

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Color

CIELCh(55, 74.369, 5.357)

Conversions

Conversions Part 1

Format	Color
Hex	F3347B
RGB	243, 52, 123
RGB Percent	95%, 20%, 48%
CMY	0.0472, 0.7962, 0.5178
CMYK	0.00, 0.79, 0.49, 0.05
HSL	338°, 89%, 58%
HSV	338°, 79%, 95%
XYZ	41.7493, 22.9298, 20.9549
YIQ	117.2030, 91.0450, 62.5730

Conversions

Conversions Part 2

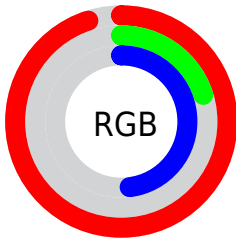
Format	Color
R_{YB}	243, 52, 123
Decimal	15938683
CIE _{Lab}	55.00, 74.04, 6.94
CIE _{LCh}	55, 74.369, 5.357
Yxy	22.9298, 0.4875, 0.2678
Android (android.graphics.Color)	4294128763 (0xFFFF3347B)
YUV	117.2030, 2.8579, 110.3240
Hunter-Lab	47.8851, 71.8286, 7.5739

Details

The CIELCh color **55, 74.369, 5.357** is a dark color, and the websafe version is hex **CC0066**. The color can be described as middle washed rose. A complement of this color would be **86, 65.365, 160.843**, and the grayscale version is **49, 0.007, 296.813**.

A 20% lighter version of the original color is **67, 58.527, 355.031**, and **38, 65.128, 9.945** is the 20% darker color. If you saturate the color by 10%, you get **53, 79.034, 9.574**, and if you desaturate by 10%, it is **58, 67.774, 2.028**.

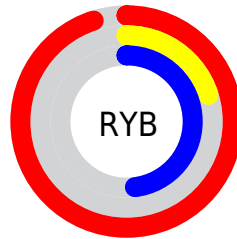
Distribution



Red (95%)

Green (20%)

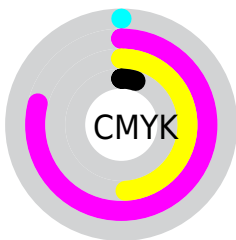
Blue (48%)



Red (95%)

Yellow (20%)

Blue (48%)

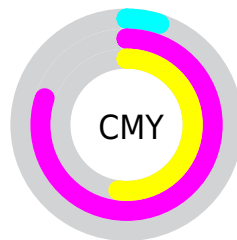


Cyan (0%)

Magenta (79%)

Yellow (49%)

Black (5%)



Cyan (5%)

Magenta (80%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 74.369, 5.357 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, 74.369, 5.357 by changing the saturation by 10% instead.

 55, 74.369, 5.357  55, 74.369, 5.357

 100, 74.369, 5.357  45, 74.369, 5.357

 75, 74.369, 5.357  35, 74.369, 5.357


 85, 74.369, 5.357  25, 74.369, 5.357

 95, 74.369, 5.357  15, 74.369, 5.357

 5, 74.369, 5.357

 0, 74.369, 5.357

 55, 74.369, 5.357  55, 74.369, 5.357

 53, 79.034, 9.574  58, 67.774, 2.028

 52, 82.111, 14.701  62, 59.488,

52, 82.529, 15.434

359.409

67, 49.981,
357.322

72, 39.767,
355.624

78, 29.272,
354.208

84, 18.805,
352.998

90, 8.561, 351.923

97, 1.350, 171.454

99, 4.154, 199.301

Harmonies

Complementary

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



55, 74.369, 5.357



86, 65.365, 160.843

Rectangle

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



55, 74.369, 5.357



55, 74.369, 55.357



55, 74.369, 185.357



55, 74.369, 235.357

Sweetspot

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



55, 74.365, 5.359



84, 25.409, 353.636



49, 105.148, 315.745



43, 17.527, 354.082



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, 74.365, 5.359



55, 83.906, 12.374



56, 80.124, 38.044



48, 5.695, 352.015



39, 67.376, 14.431



9, 29.621, 6.204

Inverse Universe

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



55, 74.365, 5.359



55, 83.906, 12.374



81, 40.819, 213.982



48, 5.695, 352.015



39, 67.376, 14.431



9, 29.621, 6.204

Previews

White Background



This preview shows how the CIELCh color 55, 74.369, 5.357 looks on a white background.

Color Contrast Check

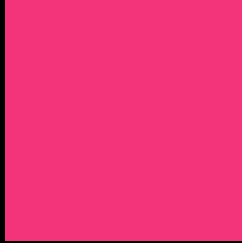
Large Text (above 18pt) WCAG AA ✓ Pass

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, 74.369, 5.357 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, 74.369, 5.357

Background



This preview shows how black text looks on a background with the CIELCh color 55, 74.369, 5.357.



This preview shows how white text looks on a background with the CIELCh color 55, 74.369, 5.357.

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, 74.369, 5.357

Protanopia

55, 20.210, 284.662

Deuteranopia

55, 12.668, 55.916



Tritanopia
55, 76.197, 30.393

Trichromacy



Original Color
55, 74.369, 5.357



Protanomaly
52, 36.669, 335.483



Deuteranomaly
52, 36.042, 9.017



Tritanomaly
55, 73.711, 21.398

Monochromacy



Original Color
55, 74.369, 5.357



Achromatopsia
49, 0.007, 296.813



Achromatomaly
48, 31.984, 356.156

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 74.369, 5.357 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(243, 52, 123)` looks like.

```
.text, #text, p{  
    color:rgb(243, 52, 123)  
}
```

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(243, 52, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 52, 123) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 74.369, 5.357 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(243, 52, 123) }
```

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

```
.border{ border-color:rgb(243, 52, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 52, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 52, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 52, 123);  
box-shadow:4px 4px 4px 4px rgb(243, 52,  
123) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 74.369, 5.357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 52, 123) }
```

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

```
.background{ background-color: rgb(243, 52,  
123) }
```

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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