

Converting Colors

CIELCh(55, 71.429, 354.915)

Have a look what the booklet for
CIELCh(55, 71.429, 354.915)
contains.

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Color

CIELCh(55, 71.407, 354.818)

Conversions

Conversions Part 1

Format	Color
Hex	EA3D91
RGB	234, 61, 145
RGB Percent	92%, 24%, 57%
CMY	0.0817, 0.7600, 0.4308
CMYK	0.00, 0.74, 0.38, 0.08
HSL	331°, 81%, 58%
HSV	331°, 74%, 92%
XYZ	40.7915, 22.9298, 29.1244
YIQ	122.3030, 76.1440, 62.8000

Conversions

Conversions Part 2

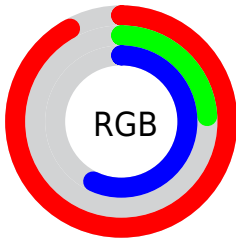
Format	Color
R_{YB}	234, 61, 145
Decimal	15351185
CIE Lab	55.00, 71.12, -6.45
CIE LCh	55, 71.407, 354.818
Yxy	22.9298, 0.4393, 0.2470
Android (android.graphics.Color)	4293541265 (0xFFEA3D91)
YUV	122.3030, 11.1896, 97.9583
Hunter-Lab	47.8851, 68.2583, -2.5415

Details

The CIELCh color **55, 71.407, 354.818** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **83, 68.149, 155.148**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 60.724, 344.864**, and **37, 64.138, 357.219** is the 20% darker color. If you saturate the color by 10%, you get **52, 76.082, 357.771**, and if you desaturate by 10%, it is **58, 64.557, 352.487**.

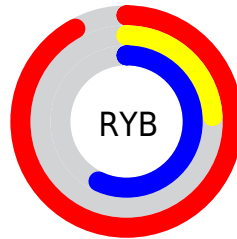
Distribution



Red (92%)

Green (24%)

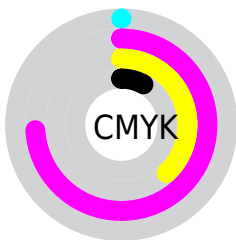
Blue (57%)



Red (92%)

Yellow (24%)

Blue (57%)

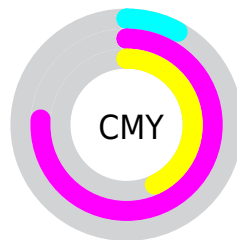


Cyan (0%)

Magenta (74%)

Yellow (38%)

Black (8%)



Cyan (8%)


Magenta (76%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 71.407, 354.818 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, 71.407, 354.818 by changing the saturation by 10% instead.


 55, 71.407,
354.818


 55, 71.407,
354.818


 100, 71.407,
354.818


 45, 71.407,
354.818


 75, 71.407,
354.818

 35, 71.407,
354.818

 85, 71.407,
354.818

 25, 71.407,
354.818

 95, 71.407,
354.818

 15, 71.407,
354.818

 5, 71.407, 354.818

 0, 71.407, 354.818

55, 71.407,
354.818

55, 71.407,
354.818

52, 76.082,
357.771

58, 64.557,
352.487

51, 78.501, 1.507

63, 55.980,
350.613

50, 79.240, 4.149

67, 46.227,
349.069

73, 35.809,
347.764

78, 25.126,
346.633

84, 14.458,
345.627

90, 3.980, 344.655

97, 6.206, 164.043

Harmonies

Complementary

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



55, 71.407, 354.818



83, 68.149, 155.148

Rectangle

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



55, 71.407, 354.818



55, 71.407, 44.818



55, 71.407, 174.818



55, 71.407, 224.818

Sweetspot

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



55, 71.403, 354.819



86, 24.788, 346.448



46, 98.324, 312.530



44, 16.689, 346.736



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, 71.403, 354.819



56, 82.860, 359.739



53, 76.888, 31.933



46, 5.902, 345.210



39, 65.408, 3.331



8, 28.476, 356.339

Inverse Universe

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



55, 71.403, 354.819



56, 82.860, 359.739



85, 43.535, 196.598



46, 5.902, 345.210



39, 65.408, 3.331



8, 28.476, 356.339

Previews

White Background



This preview shows how the CIELCh color 55, 71.407, 354.818 looks on a white background.

Color Contrast Check

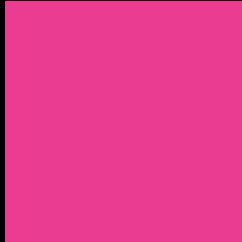
Large Text (above 18pt) WCAG AA ✓ Pass

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, 71.407, 354.818 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, 71.407, 354.818

Background



This preview shows how black text looks on a background with the CIELCh color 55, 71.407, 354.818.



This preview shows how white text looks on a background with the CIELCh color 55, 71.407, 354.818.

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, 71.407, 354.818

Protanopia

55, 34.618, 285.424

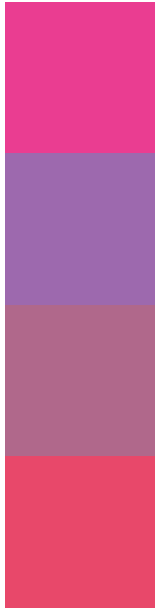
Deuteranopia

55, 7.527, 342.684



Tritanopia
55, 66.211, 27.121

Trichromacy



Original Color
55, 71.407, 354.818

Protanomaly
52, 43.735, 319.084

Deuteranomaly
53, 34.275, 348.513

Tritanomaly
55, 65.531, 14.704

Monochromacy



Original Color
55, 71.407, 354.818

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 30.278, 348.790

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 71.407, 354.818 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(234, 61, 145)` looks like.

```
.text, #text, p{  
    color:rgb(234, 61, 145)  
}
```

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(234, 61, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 61, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 71.407, 354.818 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(234, 61, 145) }
```

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

```
.border{ border-color:rgb(234, 61, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 61, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 61, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 61, 145);  
box-shadow:4px 4px 4px 4px rgb(234, 61,  
145) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 71.407, 354.818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 61, 145) }
```

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

```
.background{ background-color: rgb(234, 61,  
145) }
```

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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