

Converting Colors

CIELCh(55, 82.603, 11.953)

Have a look what the booklet for
CIELCh(55, 82.603, 11.953) contains.

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Color

CIELCh(55, 82.431, 11.721)

Conversions

Conversions Part 1

Format	Color
Hex	FE1A6B
RGB	254, 26, 107
RGB Percent	100%, 10%, 42%
CMY	0.0032, 0.8963, 0.5798
CMYK	0.00, 0.90, 0.58, 0.00
HSL	339°, 99%, 55%
HSV	339°, 90%, 100%
XYZ	43.9854, 22.9298, 16.0585
YIQ	103.4060, 109.8870, 73.5270

Conversions

Conversions Part 2

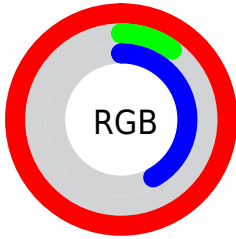
Format	Color
RYB	254, 26, 107
Decimal	16652907
CIELab	55.00, 80.71, 16.75
CIElCh	55, 82.431, 11.721
Yxy	22.9298, 0.5301, 0.2764
Android (android.graphics.Color)	4294842987 (0xFFFE1A6B)
YUV	103.4060, 1.7718, 132.0709
Hunter-Lab	47.8851, 80.1640, 13.6365

Details

The CIELCh color **55, 82.431, 11.721** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **89, 71.863, 159.673**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 61.756, 0.853**, and **40, 69.817, 19.794** is the 20% darker color. If you saturate the color by 10%, you get **54, 85.814, 17.045**, and if you desaturate by 10%, it is **57, 77.589, 7.271**.

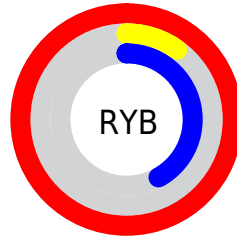
Distribution



Red (100%)

Green (10%)

Blue (42%)



Red (100%)

Yellow (10%)

Blue (42%)

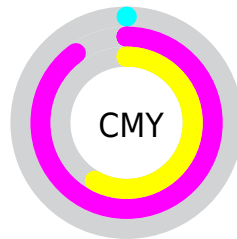


Cyan (0%)

Magenta (90%)

Yellow (58%)

Black (0%)



Cyan (0%)

Magenta (90%)

Yellow (58%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 82.431, 11.721 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, 82.431, 11.721 by changing the saturation by 10% instead.

 55, 82.431, 11.721

 55, 82.431, 11.721

 100, 82.431,
11.721

 45, 82.431, 11.721

 75, 82.431, 11.721

 35, 82.431, 11.721

 85, 82.431, 11.721

 25, 82.431, 11.721

 95, 82.431, 11.721

 15, 82.431, 11.721

 5, 82.431, 11.721

 0, 82.431, 11.721

 55, 82.431, 11.721

 55, 82.431, 11.721

 54, 85.814, 17.045

 57, 77.589, 7.271

 54, 85.952, 17.262

 60, 70.832, 3.739

■ 64, 62.331, 0.964

■ 69, 52.552,
358.763

■ 75, 42.022,
356.983

■ 81, 31.192,
355.509

■ 87, 20.388,
354.257

■ 93, 9.819, 353.157

100, 0.286,
187.264

Harmonies

Complementary

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



55, 82.431, 11.721



89, 71.863, 159.673

Rectangle

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



55, 82.431, 11.721



55, 82.431, 61.721



55, 82.431, 191.721



55, 82.431, 241.721

Sweetspot

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



55, 82.427, 11.723



82, 28.447, 355.166



48, 117.002, 315.854



42, 19.239, 355.621



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, 82.427, 11.723



54, 86.162, 17.273



56, 94.248, 40.662



50, 5.831, 353.147



40, 69.129, 16.209



10, 31.302, 8.645

Inverse Universe

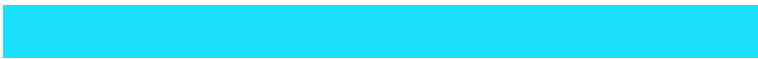
The Inverse Universe completely reimagines the original color for something new.



55, 82.427, 11.723



54, 86.162, 17.273



82, 43.208, 219.076



50, 5.831, 353.147



40, 69.129, 16.209



10, 31.302, 8.645

Previews

White Background



This preview shows how the CIELCh color 55, 82.431, 11.721 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, 82.431, 11.721 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, 82.431, 11.721

Background



This preview shows how black text looks on a background with the CIELCh color 55, 82.431, 11.721.

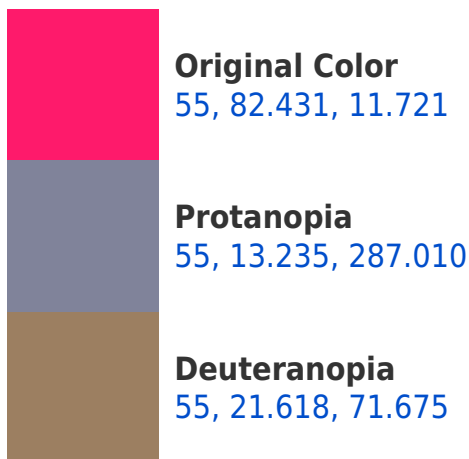


This preview shows how white text looks on a background with the CIELCh color 55, 82.431, 11.721.

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, 89.401, 34.600

Trichromacy



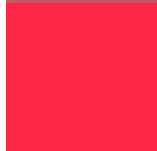
Original Color
55, 82.431, 11.721



Protanomaly
50, 39.711, 345.883



Deuteranomaly
51, 44.059, 17.863



Tritanomaly
55, 85.519, 26.828

Monochromacy



Original Color
55, 82.431, 11.721



Achromatopsia
44, 0.006, 296.813



Achromatomaly
44, 37.683, 359.321

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 82.431, 11.721 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(254, 26, 107)` looks like.

```
.text, #text, p{  
    color:rgb(254, 26, 107)  
}
```

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(254, 26, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 26, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 82.431, 11.721 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(254, 26, 107) }
```

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

```
.border{ border-color:rgb(254, 26, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 26, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 26, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 26, 107);  
box-shadow:4px 4px 4px 4px rgb(254, 26,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 82.431, 11.721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 26, 107) }
```

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

```
.background{ background-color: rgb(254, 26,  
107) }
```

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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