

Converting Colors

CIELCh(55, 82.399, 11.559)

Have a look what the booklet for
CIELCh(55, 82.399, 11.559) contains.

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Color

CIELCh(55, 82.377, 11.323)

Conversions

Conversions Part 1

Format	Color
Hex	FE1A6C
RGB	254, 26, 108
RGB Percent	100%, 10%, 42%
CMY	0.0034, 0.8969, 0.5761
CMYK	0.00, 0.90, 0.57, 0.00
HSL	338°, 99%, 55%
HSV	338°, 90%, 100%
XYZ	44.0063, 22.9298, 16.3205
YIQ	103.5200, 109.5660, 73.8380

Conversions

Conversions Part 2

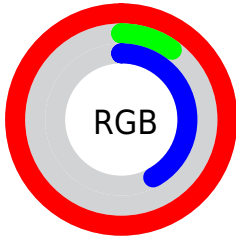
Format	Color
RYB	254, 26, 108
Decimal	16652908
CIELab	55.00, 80.77, 16.17
CIELCh	55, 82.377, 11.323
Yxy	22.9298, 0.5286, 0.2754
Android (android.graphics.Color)	4294842988 (0xFFFE1A6C)
YUV	103.5200, 2.2086, 131.9710
Hunter-Lab	47.8851, 80.2422, 13.3120

Details

The CIELCh color **55, 82.377, 11.323** 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, 72.259, 159.339**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 61.857, 0.359**, and **40, 69.658, 19.309** is the 20% darker color. If you saturate the color by 10%, you get **54, 85.672, 16.623**, and if you desaturate by 10%, it is **57, 77.609, 6.897**.

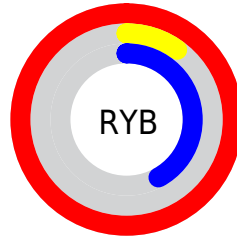
Distribution



Red (100%)

Green (10%)

Blue (42%)



Red (100%)

Yellow (10%)

Blue (42%)

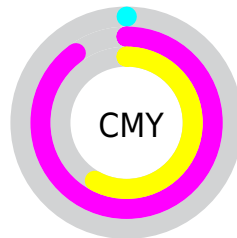


Cyan (0%)

Magenta (90%)

Yellow (57%)

Black (0%)



Cyan (0%)

Magenta (90%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 82.377, 11.323 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, 82.377, 11.323 by changing the saturation by 10% instead.

 55, 82.377, 11.323

 55, 82.377, 11.323

 100, 82.377,
11.323

 45, 82.377, 11.323

 75, 82.377, 11.323

 35, 82.377, 11.323

 85, 82.377, 11.323

 25, 82.377, 11.323

 95, 82.377, 11.323

 15, 82.377, 11.323

 5, 82.377, 11.323

 0, 82.377, 11.323

 55, 82.377, 11.323

 55, 82.377, 11.323

 54, 85.672, 16.623

 57, 77.609, 6.897

 54, 85.788, 16.810

 60, 70.906, 3.387

■ 64, 62.439, 0.628

■ 69, 52.677,
358.440

■ 75, 42.151,
356.669

■ 81, 31.313,
355.201

■ 87, 20.493,
353.953

■ 93, 9.901, 352.856

100, 0.338,
174.004

Harmonies

Complementary

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



55, 82.377, 11.323



89, 72.259, 159.339

Rectangle

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



55, 82.377, 11.323



55, 82.377, 61.323



55, 82.377, 191.323



55, 82.377, 241.323

Sweetspot

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



55, 82.373, 11.325



82, 28.510, 354.852



48, 117.008, 315.851



42, 19.280, 355.305



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, 82.373, 11.325



54, 86.015, 16.821



56, 94.279, 40.669



50, 5.847, 352.840



40, 69.025, 15.761



10, 31.295, 8.261

Inverse Universe

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



55, 82.373, 11.325



54, 86.015, 16.821



82, 43.203, 219.089



50, 5.847, 352.840



40, 69.025, 15.761



10, 31.295, 8.261

Previews

White Background



This preview shows how the CIELCh color 55, 82.377, 11.323 looks on a white background.

Color Contrast Check

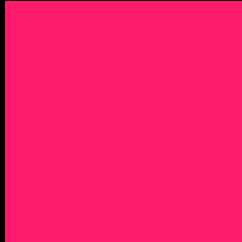
Large Text (above 18pt) WCAG AA ✓ Pass

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, 82.377, 11.323 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

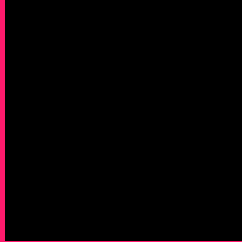
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 55, 82.377, 11.323

Background



This preview shows how black text looks on a background with the CIELCh color 55, 82.377, 11.323.

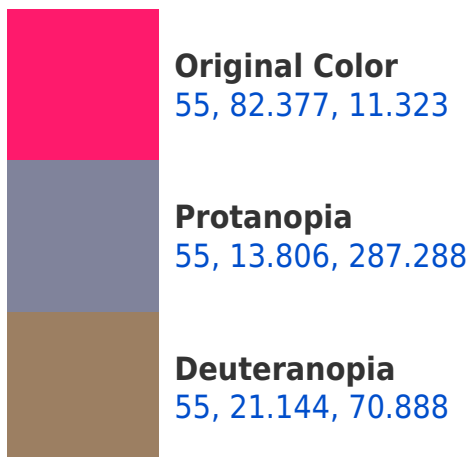


This preview shows how white text looks on a background with the CIELCh color 55, 82.377, 11.323.

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](#).

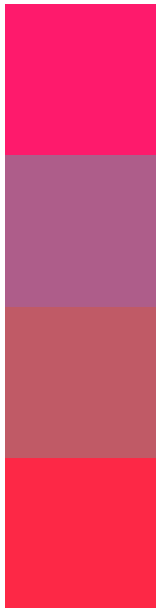
Dichromacy





Tritanopia
55, 89.401, 34.600

Trichromacy



Original Color
55, 82.377, 11.323

Protanomaly
50, 39.996, 345.182

Deuteranomaly
51, 43.983, 17.125

Tritanomaly
55, 85.519, 26.828

Monochromacy



Original Color
55, 82.377, 11.323

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, 82.377, 11.323 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, 108)` looks like.

```
.text, #text, p{  
    color:rgb(254, 26, 108)  
}
```

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, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 26, 108) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 82.377, 11.323 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, 108) }
```

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

```
.border{ border-color:rgb(254, 26, 108) }
```

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, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 26, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 26, 108);  
box-shadow:4px 4px 4px 4px rgb(254, 26,  
108) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 82.377, 11.323 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, 108) }
```

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

```
.background{ background-color: rgb(254, 26,  
108) }
```

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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