

Converting Colors

CIELCh(55, 82.302, 9.787)

Have a look what the booklet for
CIELCh(55, 82.302, 9.787) contains.

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Color

CIELCh(55, 82.323, 9.672)

Conversions

Conversions Part 1

Format	Color
Hex	FE1970
RGB	254, 25, 112
RGB Percent	100%, 10%, 44%
CMY	0.0040, 0.9020, 0.5608
CMYK	0.00, 0.90, 0.56, 0.00
HSL	337°, 99%, 55%
HSV	337°, 90%, 100%
XYZ	44.1359, 22.9298, 17.4243
YIQ	103.3890, 108.5570, 75.6050

Conversions

Conversions Part 2

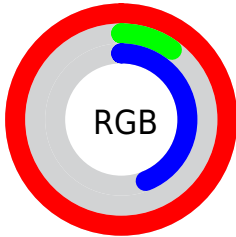
Format	Color
RYB	254, 25, 112
Decimal	16652656
CIELab	55.00, 81.15, 13.83
CIElCh	55, 82.323, 9.672
Yxy	22.9298, 0.5224, 0.2714
Android (android.graphics.Color)	4294842736 (0xFFFE1970)
YUV	103.3890, 4.2452, 132.0858
Hunter-Lab	47.8851, 80.7251, 11.9454

Details

The CIELCh color **55, 82.323, 9.672** 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, 74.194, 157.833**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 62.313, 358.405**, and **40, 69.078, 17.341** is the 20% darker color. If you saturate the color by 10%, you get **54, 85.178, 14.783**, and if you desaturate by 10%, it is **57, 77.922, 5.337**.

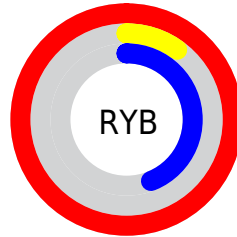
Distribution



Red (100%)

Green (10%)

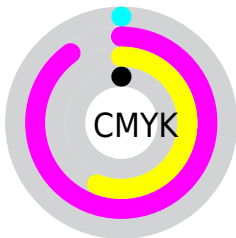
Blue (44%)



Red (100%)

Yellow (10%)

Blue (44%)

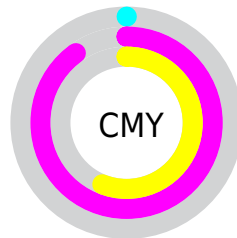


Cyan (0%)

Magenta (90%)

Yellow (56%)

Black (0%)



Cyan (0%)

Magenta (90%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 55, 82.323, 9.672 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, 82.323, 9.672 by changing the saturation by 10% instead.

 55, 82.323, 9.672  55, 82.323, 9.672

 100, 82.323, 9.672  45, 82.323, 9.672


 75, 82.323, 9.672  35, 82.323, 9.672


 85, 82.323, 9.672  25, 82.323, 9.672

 95, 82.323, 9.672  15, 82.323, 9.672

 5, 82.323, 9.672

 0, 82.323, 9.672

 55, 82.323, 9.672  55, 82.323, 9.672

 54, 85.178, 14.783  57, 77.922, 5.337

 60, 71.496, 1.905

64, 63.213,
359.209

69, 53.546,
357.066

74, 43.040,
355.328

80, 32.162,
353.883

86, 21.258,
352.651

93, 10.551,
351.566

100, 0.170,
347.516

Harmonies

Complementary

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



55, 82.323, 9.672



89, 74.194, 157.833

Rectangle

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



55, 82.323, 9.672



55, 82.323, 59.672



55, 82.323, 189.672



55, 82.323, 239.672

Sweetspot

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



55, 82.319, 9.674



82, 28.801, 353.475



47, 117.547, 315.349



42, 19.469, 353.918



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, 82.319, 9.674



54, 85.440, 14.795



56, 95.309, 40.229



50, 5.917, 351.498



41, 68.621, 13.758



10, 31.282, 6.505

Inverse Universe

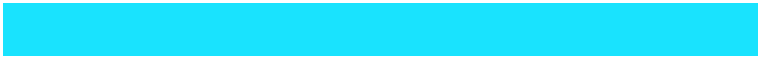
The Inverse Universe completely reimagines the original color for something new.



55, 82.319, 9.674



54, 85.440, 14.795



83, 43.616, 215.988



50, 5.917, 351.498



41, 68.621, 13.758



10, 31.282, 6.505

Previews

White Background



This preview shows how the CIELCh color 55, 82.323, 9.672 looks on a white background.

Color Contrast Check

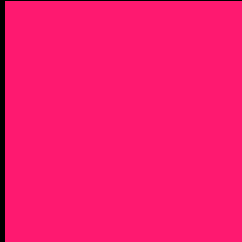
Large Text (above 18pt) WCAG AA ✓ Pass

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, 82.323, 9.672 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, 82.323, 9.672

Background



This preview shows how black text looks on a background with the CIELCh color 55, 82.323, 9.672.



This preview shows how white text looks on a background with the CIELCh color 55, 82.323, 9.672.

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, 82.323, 9.672

Protanopia

55, 16.707, 286.034

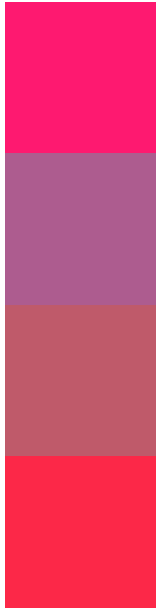
Deuteranopia

55, 18.994, 68.298



Tritanopia
55, 88.619, 34.421

Trichromacy



Original Color
55, 82.323, 9.672

Protanomaly
50, 41.865, 341.238

Deuteranomaly
51, 43.362, 13.967

Tritanomaly
55, 84.738, 26.039

Monochromacy



Original Color
55, 82.323, 9.672

Achromatopsia
44, 0.006, 296.813

Achromatomaly
43, 38.009, 357.663

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 82.323, 9.672 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, 25, 112)` looks like.

```
.text, #text, p{  
    color:rgb(254, 25, 112)  
}
```

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, 25, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 25, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 82.323, 9.672 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, 25, 112) }
```

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

```
.border{ border-color:rgb(254, 25, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 25, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 25, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 25, 112);  
box-shadow:4px 4px 4px 4px rgb(254, 25,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 82.323, 9.672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 25, 112) }
```

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

```
.background{ background-color: rgb(254, 25,  
112) }
```

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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