

Converting Colors

CIELCh(55, 82.734, 8.353)

Have a look what the booklet for
CIELCh(55, 82.734, 8.353) contains.

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Color

CIELCh(55, 82.683, 8.271)

Conversions

Conversions Part 1

Format	Color
Hex	FE1673
RGB	254, 22, 115
RGB Percent	100%, 9%, 45%
CMY	0.0028, 0.9147, 0.5482
CMYK	0.00, 0.91, 0.55, 0.00
HSL	336°, 99%, 54%
HSV	336°, 91%, 100%
XYZ	44.3655, 22.9298, 18.3732
YIQ	101.9700, 108.4190, 78.1070

Conversions

Conversions Part 2

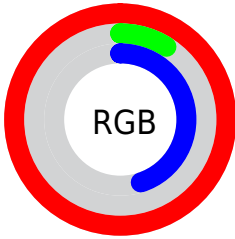
Format	Color
RYB	254, 22, 115
Decimal	16651891
CIELab	55.00, 81.82, 11.89
CIELCh	55, 82.683, 8.271
Yxy	22.9298, 0.5179, 0.2677
Android (android.graphics.Color)	4294841971 (0xFFFE1673)
YUV	101.9700, 6.4238, 133.3303
Hunter-Lab	47.8851, 81.5809, 10.7704

Details

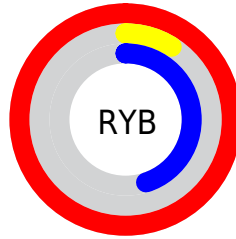
The CIELCh color **55, 82.683, 8.271** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **89, 76.741, 156.132**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 63.295, 356.299**, and **40, 68.707, 15.843** is the 20% darker color. If you saturate the color by 10%, you get **54, 84.787, 12.618**, and if you desaturate by 10%, it is **57, 78.805, 3.974**.

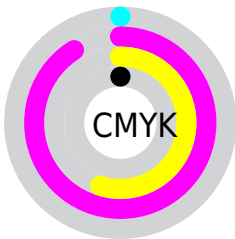
Distribution



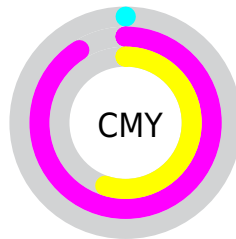
- Red (100%)
- Green (9%)
- Blue (45%)



- Red (100%)
- Yellow (9%)
- Blue (45%)



- Cyan (0%)
- Magenta (91%)
- Yellow (55%)
- Black (0%)




- Cyan (0%)
- Magenta (91%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 55, 82.683, 8.271 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, 82.683, 8.271 by changing the saturation by 10% instead.

 55, 82.683, 8.271  55, 82.683, 8.271

 100, 82.683, 8.271  45, 82.683, 8.271

 75, 82.683, 8.271  35, 82.683, 8.271

 85, 82.683, 8.271  25, 82.683, 8.271

 95, 82.683, 8.271  15, 82.683, 8.271

 5, 82.683, 8.271

 0, 82.683, 8.271

 55, 82.683, 8.271  55, 82.683, 8.271

 54, 84.787, 12.618  57, 78.805, 3.974

 60, 72.814, 0.573

64, 64.839,
357.902

68, 55.345,
355.778

74, 44.891,
354.053

80, 33.969,
352.617

86, 22.951,
351.391

92, 12.082,
350.312

99, 1.510, 349.072

Harmonies

Complementary

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



55, 82.683, 8.271



89, 76.741, 156.132

Rectangle

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



55, 82.683, 8.271



55, 82.683, 58.271



55, 82.683, 188.271



55, 82.683, 238.271

Sweetspot

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



55, 82.679, 8.273



83, 29.127, 352.050



46, 119.021, 314.356



42, 19.682, 352.482



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, 82.679, 8.273



54, 84.970, 12.627



55, 97.611, 39.574



50, 5.995, 350.112



41, 68.302, 11.617



10, 31.305, 4.622

Inverse Universe

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



55, 82.679, 8.273



54, 84.970, 12.627



85, 44.874, 210.001



50, 5.995, 350.112



41, 68.302, 11.617



10, 31.305, 4.622

Previews

White Background



This preview shows how the CIELCh color 55, 82.683, 8.271 looks on a white background.

Color Contrast Check

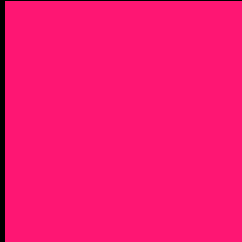
Large Text (above 18pt) WCAG AA ✓ Pass

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, 82.683, 8.271 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, 82.683, 8.271

Background



This preview shows how black text looks on a background with the CIELCh color 55, 82.683, 8.271.



This preview shows how white text looks on a background with the CIELCh color 55, 82.683, 8.271.

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, 82.579, 8.320

Protanopia

55, 19.608, 285.333

Deuteranopia

55, 17.342, 66.138



Tritanopia
55, 88.986, 34.456

Trichromacy



Original Color
55, 82.579, 8.320



Protanomaly
50, 43.361, 337.827



Deuteranomaly
51, 43.339, 11.003



Tritanomaly
55, 85.022, 25.670

Monochromacy



Original Color
55, 82.579, 8.320



Achromatopsia
43, 0.006, 296.813



Achromatomaly
43, 38.907, 355.657

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 82.683, 8.271 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, 22, 115)` looks like.

```
.text, #text, p{  
    color:rgb(254, 22, 115)  
}
```

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, 22, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 22, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 82.683, 8.271 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, 22, 115) }
```

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

```
.border{ border-color:rgb(254, 22, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 22, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 22, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 22, 115);  
box-shadow:4px 4px 4px 4px rgb(254, 22,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 82.683, 8.271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 22, 115) }
```

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

```
.background{ background-color: rgb(254, 22,  
115) }
```

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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