

Converting Colors

CIELCh(55, 82.356, 8.265)

Have a look what the booklet for
CIELCh(55, 82.356, 8.265) contains.

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Color

CIELCh(55, 82.361, 8.423)

Conversions

Conversions Part 1

Format	Color
Hex	FE1873
RGB	254, 24, 115
RGB Percent	100%, 9%, 45%
CMY	0.0043, 0.9067, 0.5493
CMYK	0.00, 0.91, 0.55, 0.00
HSL	336°, 99%, 54%
HSV	336°, 91%, 100%
XYZ	44.2453, 22.9298, 18.2887
YIQ	103.1440, 107.8690, 77.0610

Conversions

Conversions Part 2

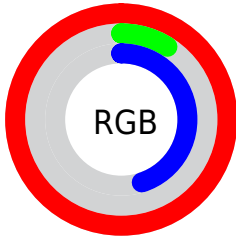
Format	Color
R_{YB}	254, 24, 115
Decimal	16652403
CIE _{Lab}	55.00, 81.47, 12.06
CIE _{LCh}	55, 82.361, 8.423
Yxy	22.9298, 0.5177, 0.2683
Android (android.graphics.Color)	4294842483 (0xFFFE1873)
YUV	103.1440, 5.8450, 132.3007
Hunter-Lab	47.8851, 81.1331, 10.8751

Details

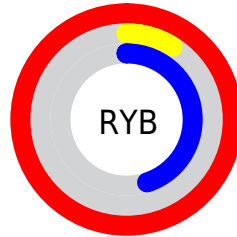
The CIELCh color **55, 82.361, 8.423** is a dark color, and the websafe version is hex **FF0066**. The color can be described as dark washed rose. A complement of this color would be **89, 75.754, 156.693**, and the grayscale version is **44, 0.006, 296.813**.

A 20% lighter version of the original color is **65, 62.851, 356.489**, and **40, 68.707, 15.843** is the 20% darker color. If you saturate the color by 10%, you get **54, 84.800, 13.200**, and if you desaturate by 10%, it is **57, 78.250, 4.160**.

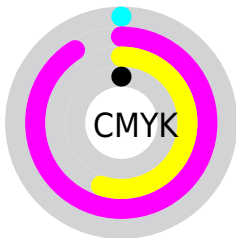
Distribution



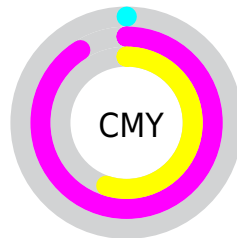
- Red (100%)
- Green (9%)
- Blue (45%)



- 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, 82.361, 8.423 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, 82.361, 8.423 by changing the saturation by 10% instead.

 55, 82.361, 8.423  55, 82.361, 8.423

 100, 82.361, 8.423  45, 82.361, 8.423


 75, 82.361, 8.423  35, 82.361, 8.423

 85, 82.361, 8.423  25, 82.361, 8.423

 95, 82.361, 8.423  15, 82.361, 8.423

 5, 82.361, 8.423

 0, 82.361, 8.423

 55, 82.361, 8.423  55, 82.361, 8.423

 54, 84.800, 13.200  57, 78.250, 4.160

 60, 72.048, 0.789

64, 63.914,
358.140

69, 54.325,
356.033

74, 43.835,
354.320

80, 32.925,
352.893

86, 21.951,
351.673

93, 11.149,
350.598

99, 0.655, 348.907

Harmonies

Complementary

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



55, 82.361, 8.423



89, 75.754, 156.693

Rectangle

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



55, 82.361, 8.423



55, 82.361, 58.423



55, 82.361, 188.423



55, 82.361, 238.423

Sweetspot

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



55, 82.357, 8.425



83, 29.037, 352.431



46, 118.099, 314.858



42, 19.623, 352.866



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, 82.357, 8.425



54, 85.083, 13.213



55, 96.270, 39.842



50, 5.974, 350.482



41, 68.377, 12.196



10, 31.295, 5.128

Inverse Universe

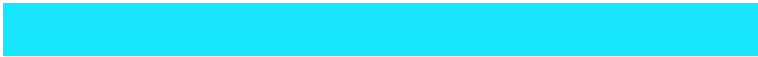
The Inverse Universe completely reimagines the original color for something new.



55, 82.357, 8.425



54, 85.083, 13.213



84, 44.148, 212.936



50, 5.974, 350.482



41, 68.377, 12.196



10, 31.295, 5.128

Previews

White Background



This preview shows how the CIELCh color 55, 82.361, 8.423 looks on a white background.

Color Contrast Check

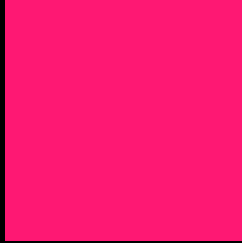
Large Text (above 18pt) WCAG AA ✓ Pass

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, 82.361, 8.423 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, 82.361, 8.423

Background



This preview shows how black text looks on a background with the CIELCh color 55, 82.361, 8.423.



This preview shows how white text looks on a background with the CIELCh color 55, 82.361, 8.423.

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, 82.361, 8.423

Protanopia

55, 19.608, 285.333

Deuteranopia

55, 17.788, 67.252



Tritanopia
55, 88.199, 34.276

Trichromacy



Original Color
55, 82.361, 8.423



Protanomaly
50, 42.753, 337.949



Deuteranomaly
51, 43.345, 11.760



Tritanomaly
55, 84.323, 25.326

Monochromacy



Original Color
55, 82.361, 8.423



Achromatopsia
44, 0.006, 296.813



Achromatomaly
43, 38.704, 356.425

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 55, 82.361, 8.423 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, 24, 115)` looks like.

```
.text, #text, p{  
    color:rgb(254, 24, 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, 24, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 24, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 55, 82.361, 8.423 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, 24, 115) }
```

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

```
.border{ border-color:rgb(254, 24, 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, 24, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 24, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 24, 115);  
box-shadow:4px 4px 4px 4px rgb(254, 24,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 55, 82.361, 8.423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 24, 115) }
```

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

```
.background{ background-color: rgb(254, 24,  
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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