

Converting Colors

CIELCh(57, 79.836, 19.736)

Have a look what the booklet for
CIELCh(57, 79.836, 19.736) contains.

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Color

CIELCh(57, 79.324, 19.460)

Conversions

Conversions Part 1

Format	Color
Hex	FF375F
RGB	255, 55, 95
RGB Percent	100%, 22%, 37%
CMY	0.0000, 0.7853, 0.6256
CMYK	0.00, 0.79, 0.63, 0.00
HSL	348°, 100%, 61%
HSV	348°, 79%, 100%
XYZ	44.9134, 24.9227, 13.3811
YIQ	119.3600, 106.3600, 54.8400

Conversions

Conversions Part 2

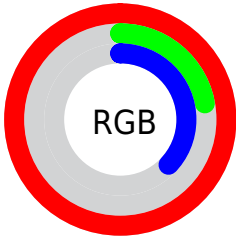
Format	Color
RYB	255, 55, 95
Decimal	16725855
CIELab	57.00, 74.79, 26.43
CIELCh	57, 79.324, 19.460
Yxy	24.9227, 0.5397, 0.2995
Android (android.graphics.Color)	4294915935 (0xFFFF375F)
YUV	119.3600, -12.0095, 118.9563
Hunter-Lab	49.9226, 73.2248, 19.0539

Details

The CIELCh color **57, 79.324, 19.460** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **90, 56.715, 173.954**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **67, 54.847, 12.159**, and **40, 72.273, 25.066** is the 20% darker color. If you saturate the color by 10%, you get **55, 86.498, 24.220**, and if you desaturate by 10%, it is **60, 70.428, 15.401**.

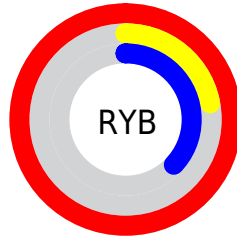
Distribution



Red (100%)

Green (22%)

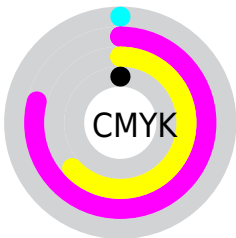
Blue (37%)



Red (100%)

Yellow (22%)

Blue (37%)

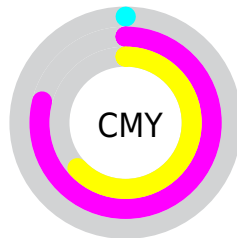


Cyan (0%)

Magenta (79%)

Yellow (63%)

Black (0%)



Cyan (0%)

Magenta (79%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 79.324, 19.460 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 57, 79.324, 19.460 by changing the saturation by 10% instead.

 57, 79.324, 19.460

 57, 79.324, 19.460

 100, 79.324,
19.460

 47, 79.324, 19.460

 77, 79.324, 19.460

 37, 79.324, 19.460

 87, 79.324, 19.460

 27, 79.324, 19.460

 97, 79.324, 19.460

 17, 79.324, 19.460

 7, 79.324, 19.460

 0, 79.324, 19.460

 57, 79.324, 19.460

 57, 79.324, 19.460

 55, 86.498, 24.220

 60, 70.428, 15.401

 54, 92.787, 29.618

 64, 60.639, 12.237

■ 53, 93.699, 30.376

■ 69, 50.124, 9.747

■ 75, 39.315, 7.771

■ 81, 28.568, 6.177

■ 88, 18.127, 4.861

■ 94, 8.130, 3.729

100, 0.012,
296.813

Harmonies

Complementary

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



57, 79.324, 19.460



90, 56.715, 173.954

Rectangle

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



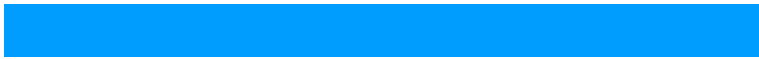
57, 79.324, 19.460



57, 79.324, 69.460



57, 79.324, 199.460



57, 79.324, 249.460

Sweetspot

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



57, 79.104, 19.383



84, 23.795, 5.552



56, 107.957, 320.805



43, 16.478, 6.040



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57, 79.104, 19.383



54, 90.040, 27.156



64, 76.528, 47.524



50, 5.435, 3.836



40, 74.784, 29.349



10, 31.965, 18.569

Inverse Universe

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



57, 79.104, 19.383



54, 90.040, 27.156



75, 42.727, 244.110



50, 5.435, 3.836



40, 74.784, 29.349



10, 31.965, 18.569

Previews

White Background



This preview shows how the CIELCh color 57, 79.324, 19.460 looks on a white background.

Color Contrast Check

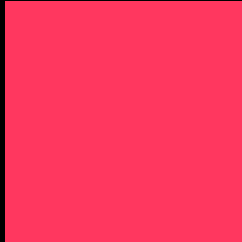
Large Text (above 18pt) WCAG AA ✓ Pass

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 57, 79.324, 19.460 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 57, 79.324, 19.460

Background



This preview shows how black text looks on a background with the CIELCh color 57, 79.324, 19.460.



This preview shows how white text looks on a background with the CIELCh color 57, 79.324, 19.460.

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

57, 79.118, 19.604

Protanopia

57, 3.944, 79.167

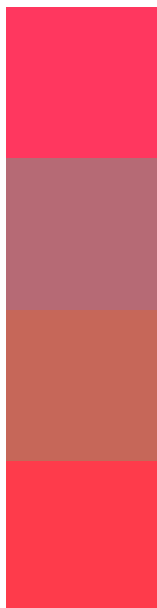
Deuteranopia

57, 30.554, 76.731



Tritanopia
57, 83.600, 32.023

Trichromacy



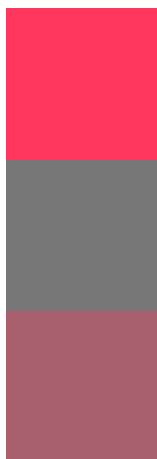
Original Color
57, 79.118, 19.604

Protanomaly
54, 32.402, 12.647

Deuteranomaly
54, 44.234, 34.555

Tritanomaly
57, 81.569, 27.754

Monochromacy



Original Color
57, 79.118, 19.604

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 31.275, 9.026

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 79.324, 19.460 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(255, 55, 95)` looks like.

```
.text, #text, p{  
    color:rgb(255, 55, 95)  
}
```

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(255, 55, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 55, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 79.324, 19.460 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(255, 55, 95) }
```

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

```
.border{ border-color:rgb(255, 55, 95) }
```

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

Here you see how a box with a 4 pixel rgb(255, 55, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 55, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 55, 95);  
box-shadow:4px 4px 4px 4px rgb(255, 55,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 79.324, 19.460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 55, 95) }
```

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

```
.background{ background-color: rgb(255, 55,  
95) }
```

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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