

Converting Colors

CIELCh(57, 79.733, 25.932)

Have a look what the booklet for
CIELCh(57, 79.733, 25.932) contains.

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Color

CIELCh(57, 79.902, 25.896)

Conversions

Conversions Part 1

Format	Color
Hex	FE3D51
RGB	254, 61, 81
RGB Percent	100%, 24%, 32%
CMY	0.0049, 0.7618, 0.6831
CMYK	0.00, 0.76, 0.68, 0.00
HSL	354°, 99%, 62%
HSV	354°, 76%, 100%
XYZ	43.9129, 24.9227, 10.2448
YIQ	120.9870, 108.6080, 47.1360

Conversions

Conversions Part 2

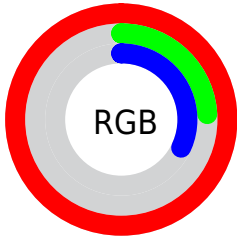
Format	Color
R_{YB}	254, 61, 81
Decimal	16661841
CIE Lab	57.00, 71.88, 34.90
CIE LCh	57, 79.902, 25.896
Yxy	24.9227, 0.5553, 0.3152
Android (android.graphics.Color)	4294851921 (0xFFFE3D51)
YUV	120.9870, -19.7136, 116.6524
Hunter-Lab	49.9226, 69.6474, 22.7787

Details

The CIELCh color **57, 79.902, 25.896** 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 **91, 50.534, 184.279**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **67, 54.358, 22.260**, and **40, 74.462, 29.863** is the 20% darker color. If you saturate the color by 10%, you get **55, 89.167, 30.326**, and if you desaturate by 10%, it is **61, 69.614, 22.139**.

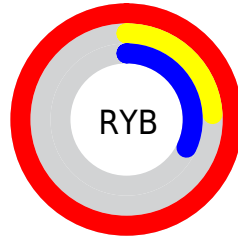
Distribution



Red (100%)

Green (24%)

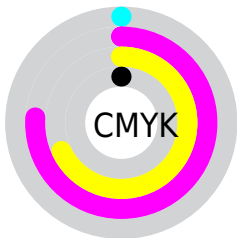
Blue (32%)



Red (100%)

Yellow (24%)

Blue (32%)

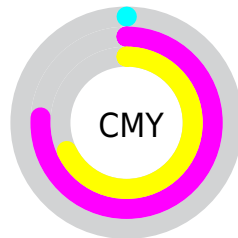


Cyan (0%)

Magenta (76%)

Yellow (68%)

Black (0%)



Cyan (0%)

Magenta (76%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 79.902, 25.896 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, 79.902, 25.896 by changing the saturation by 10% instead.

 57, 79.902, 25.896

 57, 79.902, 25.896

 100, 79.902,
25.896

 47, 79.902, 25.896

 77, 79.902, 25.896

 37, 79.902, 25.896

 87, 79.902, 25.896

 27, 79.902, 25.896

 97, 79.902, 25.896

 17, 79.902, 25.896

 7, 79.902, 25.896

 0, 79.902, 25.896

 57, 79.902, 25.896

 57, 79.902, 25.896

 55, 89.167, 30.326

 61, 69.614, 22.139

 53, 96.981, 34.945

 65, 58.656, 19.123

■ 53, 99.579, 36.508

■ 70, 47.418, 16.756

■ 76, 36.267, 14.901

■ 82, 25.478, 13.430

■ 89, 15.217, 12.240

■ 95, 5.558, 11.209

100, 0.436,
200.899

Harmonies

Complementary

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



57, 79.902, 25.896



91, 50.534, 184.279

Rectangle

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



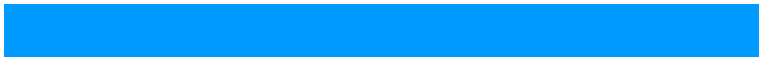
57, 79.902, 25.896



57, 79.902, 75.896



57, 79.902, 205.896



57, 79.902, 255.896

Sweetspot

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



57, 79.898, 25.898



85, 22.364, 13.041



59, 105.323, 324.062



43, 15.651, 13.504



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, 79.898, 25.898



54, 93.620, 32.647



68, 70.505, 55.244



50, 5.293, 11.561



40, 79.784, 35.748



10, 32.574, 22.948

Inverse Universe

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



57, 79.898, 25.898



54, 93.620, 32.647



70, 46.701, 259.411



50, 5.293, 11.561



40, 79.784, 35.748



10, 32.574, 22.948

Previews

White Background



This preview shows how the CIELCh color 57, 79.902, 25.896 looks on a white background.

Color Contrast Check

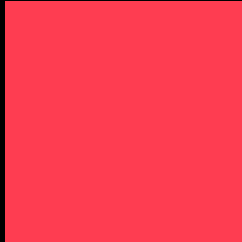
Large Text (above 18pt) WCAG AA ✓ Pass

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, 79.902, 25.896 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, 79.902, 25.896

Background



This preview shows how black text looks on a background with the CIELCh color 57, 79.902, 25.896.



This preview shows how white text looks on a background with the CIELCh color 57, 79.902, 25.896.

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, 79.902, 25.896

Protanopia

57, 15.764, 94.331

Deuteranopia

57, 38.599, 79.621



Tritanopia
57, 82.331, 31.683

Trichromacy



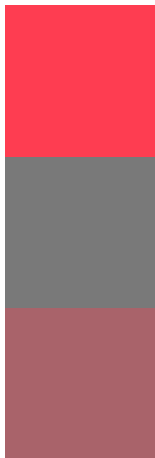
Original Color
57, 79.902, 25.896

Protanomaly
54, 34.519, 32.611

Deuteranomaly
55, 48.548, 44.473

Tritanomaly
57, 81.315, 29.799

Monochromacy



Original Color
57, 79.902, 25.896

Achromatopsia
51, 0.007, 296.813

Achromatomaly
50, 30.270, 15.950

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 79.902, 25.896 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, 61, 81)` looks like.

```
.text, #text, p{  
    color:rgb(254, 61, 81)  
}
```

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, 61, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 61, 81) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 79.902, 25.896 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, 61, 81) }
```

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

```
.border{ border-color:rgb(254, 61, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 61, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 61, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 61, 81);  
box-shadow:4px 4px 4px 4px rgb(254, 61,  
81) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 79.902, 25.896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 61, 81) }
```

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

```
.background{ background-color: rgb(254, 61,  
81) }
```

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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