

Converting Colors

CIELCh(57, 82.572, 26.796)

Have a look what the booklet for
CIELCh(57, 82.572, 26.796) contains.

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Color

CIELCh(57, 82.084, 26.629)

Conversions

Conversions Part 1

Format	Color
Hex	FF394E
RGB	255, 57, 78
RGB Percent	100%, 22%, 31%
CMY	0.0000, 0.7761, 0.6953
CMYK	0.00, 0.78, 0.70, 0.00
HSL	354°, 100%, 61%
HSV	354°, 78%, 100%
XYZ	44.4255, 24.9227, 9.6179
YIQ	118.5960, 111.2670, 48.5070

Conversions

Conversions Part 2

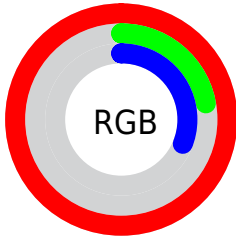
Format	Color
RYB	255, 57, 78
Decimal	16726350
CIELab	57.00, 73.38, 36.79
CIELCh	57, 82.084, 26.629
Yxy	24.9227, 0.5626, 0.3156
Android (android.graphics.Color)	4294916430 (0xFFFF394E)
YUV	118.5960, -20.0138, 119.6263
Hunter-Lab	49.9226, 71.4802, 23.5232

Details

The CIELCh color **57, 82.084, 26.629** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **91, 51.201, 184.113**, and the grayscale version is **50, 0.007, 296.813**.

A 20% lighter version of the original color is **67, 55.763, 22.610**, and **40, 75.609, 31.103** is the 20% darker color. If you saturate the color by 10%, you get **55, 90.844, 31.058**, and if you desaturate by 10%, it is **60, 71.543, 22.676**.

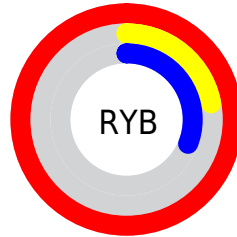
Distribution



Red (100%)

Green (22%)

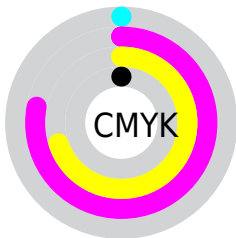
Blue (31%)



Red (100%)

Yellow (22%)

Blue (31%)

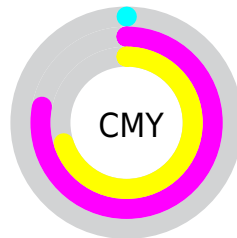


Cyan (0%)

Magenta (78%)

Yellow (70%)

Black (0%)



Cyan (0%)

Magenta (78%)

Yellow (70%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 57, 82.084, 26.629 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, 82.084, 26.629 by changing the saturation by 10% instead.

 57, 82.084, 26.629

 57, 82.084, 26.629

 100, 82.084,
26.629

 47, 82.084, 26.629

 77, 82.084, 26.629

 37, 82.084, 26.629

 87, 82.084, 26.629

 27, 82.084, 26.629

 97, 82.084, 26.629

 17, 82.084, 26.629

 7, 82.084, 26.629

 0, 82.084, 26.629

 57, 82.084, 26.629

 57, 82.084, 26.629

 55, 90.844, 31.058

 60, 71.543, 22.676

 53, 98.406, 35.610

 65, 60.621, 19.547

■ 53, 99.965, 36.519

■ 70, 49.356, 17.088

■ 75, 38.125, 15.161

■ 82, 27.223, 13.637

■ 88, 16.832, 12.409

■ 95, 7.039, 11.369

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, 82.084, 26.629



91, 51.201, 184.113

Rectangle

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



57, 82.084, 26.629



57, 82.084, 76.629



57, 82.084, 206.629



57, 82.084, 256.629

Sweetspot

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



57, 81.730, 26.553



85, 22.364, 13.040



59, 106.951, 324.065



43, 15.651, 13.503



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, 81.730, 26.553



54, 95.162, 33.575



68, 72.397, 55.094



50, 5.293, 11.560



40, 79.784, 35.748



10, 32.574, 22.948

Inverse Universe

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



57, 81.730, 26.553



54, 95.162, 33.575



70, 47.611, 260.090



50, 5.293, 11.560



40, 79.784, 35.748



10, 32.574, 22.948

Previews

White Background



This preview shows how the CIELCh color 57, 82.084, 26.629 looks on a white background.

Color Contrast Check

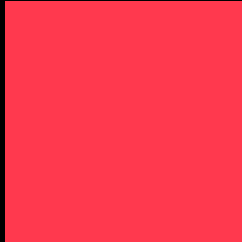
Large Text (above 18pt) WCAG AA ✓ Pass

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, 82.084, 26.629 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, 82.084, 26.629

Background



This preview shows how black text looks on a background with the CIELCh color 57, 82.084, 26.629.



This preview shows how white text looks on a background with the CIELCh color 57, 82.084, 26.629.

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, 81.683, 26.424

Protanopia

57, 16.991, 93.633

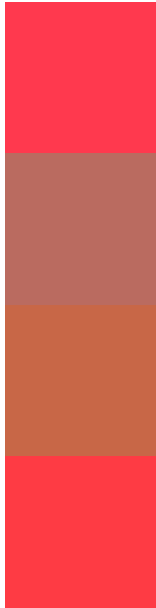
Deuteranopia

57, 39.836, 79.472



Tritanopia
57, 84.483, 32.319

Trichromacy



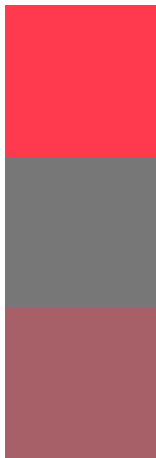
Original Color
57, 81.683, 26.424

Protanomaly
54, 36.193, 33.281

Deuteranomaly
54, 50.348, 44.542

Tritanomaly
57, 83.182, 30.188

Monochromacy



Original Color
57, 81.683, 26.424

Achromatopsia
50, 0.007, 296.813

Achromatomaly
49, 31.243, 15.361

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 57, 82.084, 26.629 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, 57, 78)` looks like.

```
.text, #text, p{  
    color:rgb(255, 57, 78)  
}
```

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, 57, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 57, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 57, 82.084, 26.629 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, 57, 78) }
```

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

```
.border{ border-color:rgb(255, 57, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 57, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 57, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 57, 78);  
box-shadow:4px 4px 4px 4px rgb(255, 57,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 57, 82.084, 26.629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 57, 78) }
```

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

```
.background{ background-color: rgb(255, 57,  
78) }
```

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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