

Converting Colors

CIELCh(59, 76.403, 26.707)

Have a look what the booklet for
CIELCh(59, 76.403, 26.707) contains.

CIELCh(59, 76.125, 26.830)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(59, 76.125, 26.830)

Conversions

Conversions Part 1

Format	Color
Hex	FF4B56
RGB	255, 75, 86
RGB Percent	100%, 29%, 34%
CMY	0.0000, 0.7051, 0.6622
CMYK	0.00, 0.71, 0.66, 0.00
HSL	356°, 100%, 65%
HSV	356°, 71%, 100%
XYZ	45.5245, 27.0277, 11.6514
YIQ	130.0740, 103.7490, 41.5810

Conversions

Conversions Part 2

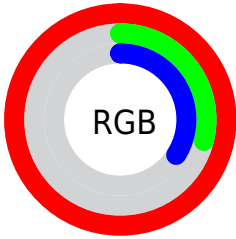
Format	Color
R_{YB}	255, 75, 86
Decimal	16730966
CIE Lab	59.00, 67.93, 34.36
CIE LCh	59, 76.125, 26.830
Yxy	27.0277, 0.5406, 0.3210
Android (android.graphics.Color)	4294921046 (0xFFFF4B56)
YUV	130.0740, -21.7285, 109.5601
Hunter-Lab	51.9882, 65.3275, 23.1039

Details

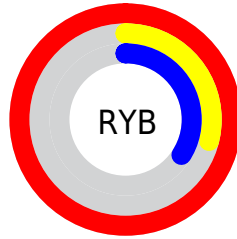
The CIELCh color **59, 76.125, 26.830** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed red. A complement of this color would be **91, 47.265, 189.546**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 50.148, 23.534**, and **40, 74.158, 28.472** is the 20% darker color. If you saturate the color by 10%, you get **56, 86.589, 30.749**, and if you desaturate by 10%, it is **63, 64.751, 23.548**.

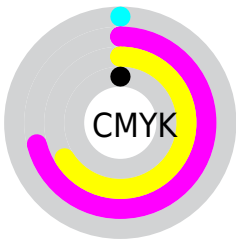
Distribution



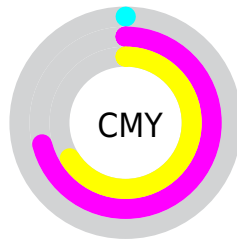
- Red (100%)
- Green (29%)
- Blue (34%)



- Red (100%)
- Yellow (29%)
- Blue (34%)



- Cyan (0%)
- Magenta (71%)
- Yellow (66%)
- Black (0%)



- Cyan (0%)
- Magenta (71%)
- Yellow (66%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 76.125, 26.830 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 59, 76.125, 26.830 by changing the saturation by 10% instead.

 59, 76.125, 26.830

 59, 76.125, 26.830

 100, 76.125,
26.830

 49, 76.125, 26.830

 79, 76.125, 26.830

 39, 76.125, 26.830

 89, 76.125, 26.830

 29, 76.125, 26.830

 99, 76.125, 26.830

 19, 76.125, 26.830

 9, 76.125, 26.830

 0, 76.125, 26.830

 59, 76.125, 26.830

 59, 76.125, 26.830

 56, 86.589, 30.749

 63, 64.751, 23.548

 54, 95.780, 34.976

 68, 53.127, 20.957

■ 53, 102.201,
38.290

■ 74, 41.566, 18.939

■ 80, 30.374, 17.367

■ 86, 19.742, 16.126

■ 93, 9.764, 15.116

100, 0.460, 12.977

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.



59, 76.125, 26.830



91, 47.265, 189.546

Rectangle

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



59, 76.125, 26.830



59, 76.125, 76.830



59, 76.125, 206.830



59, 76.125, 256.830

Sweetspot

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



59, 76.049, 26.819



86, 20.248, 16.181



63, 101.003, 325.638



44, 13.835, 16.499



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



59, 76.049, 26.819



55, 90.934, 32.651



73, 64.212, 60.170



50, 5.263, 15.022



40, 81.702, 37.704



10, 32.882, 24.727

Inverse Universe

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



59, 76.049, 26.819



55, 90.934, 32.651



70, 47.333, 264.048



50, 5.263, 15.022



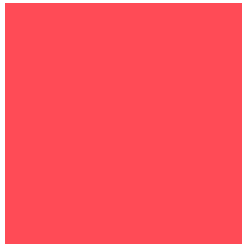
40, 81.702, 37.704



10, 32.882, 24.727

Previews

White Background



This preview shows how the CIELCh color 59, 76.125, 26.830 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 59, 76.125, 26.830 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 59, 76.125, 26.830

Background



This preview shows how black text looks on a background with the CIELCh color 59, 76.125, 26.830.



This preview shows how white text looks on a background with the CIELCh color 59, 76.125, 26.830.

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
59, 76.125, 26.830

Protanopia
59, 17.300, 95.487

Deuteranopia
59, 38.107, 78.987



Tritanopia
59, 77.180, 29.332

Trichromacy



Original Color
59, 76.125, 26.830

Protanomaly
57, 32.904, 37.357

Deuteranomaly
57, 46.605, 46.810

Tritanomaly
59, 76.734, 28.585

Monochromacy



Original Color
59, 76.125, 26.830

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 27.724, 18.175

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 76.125, 26.830 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, 75, 86)` looks like.

```
.text, #text, p{  
    color:rgb(255, 75, 86)  
}
```

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, 75, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 75, 86) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 76.125, 26.830 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, 75, 86) }
```

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

```
.border{ border-color:rgb(255, 75, 86) }
```

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

Here you see how a box with a 4 pixel rgb(255, 75, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 75, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 75, 86);  
box-shadow:4px 4px 4px 4px rgb(255, 75,  
86) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 76.125, 26.830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 75, 86) }
```

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

```
.background{ background-color: rgb(255, 75,  
86) }
```

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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