

Converting Colors

CIELCh(59, 77.436, 28.512)

Have a look what the booklet for
CIELCh(59, 77.436, 28.512) contains.

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Color

CIELCh(59, 76.968, 28.360)

Conversions

Conversions Part 1

Format	Color
Hex	FF4B52
RGB	255, 75, 82
RGB Percent	100%, 29%, 32%
CMY	0.0000, 0.7044, 0.6773
CMYK	0.00, 0.70, 0.68, 0.00
HSL	358°, 100%, 65%
HSV	358°, 70%, 100%
XYZ	45.4548, 27.0277, 10.8595
YIQ	129.6180, 105.0330, 40.3370

Conversions

Conversions Part 2

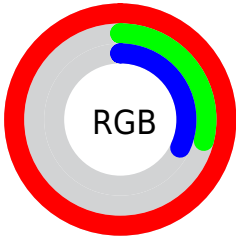
Format	Color
R_{YB}	255, 75, 82
Decimal	16730962
CIE _{Lab}	59.00, 67.73, 36.56
CIE _{LCh}	59, 76.968, 28.360
Yxy	27.0277, 0.5454, 0.3243
Android (android.graphics.Color)	4294921042 (0xFFFF4B52)
YUV	129.6180, -23.4757, 109.9600
Hunter-Lab	51.9882, 65.0882, 24.0071

Details

The CIELCh color **59, 76.968, 28.360** 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 **92, 46.544, 192.110**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 50.698, 25.897**, and **40, 75.179, 30.058** is the 20% darker color. If you saturate the color by 10%, you get **56, 87.672, 32.151**, and if you desaturate by 10%, it is **63, 65.225, 25.132**.

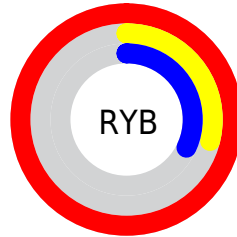
Distribution



Red (100%)

Green (29%)

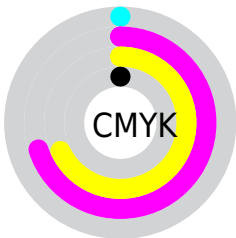
Blue (32%)



Red (100%)

Yellow (29%)

Blue (32%)

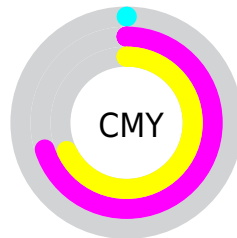


Cyan (0%)

Magenta (70%)

Yellow (68%)

Black (0%)



Cyan (0%)

Magenta (70%)

Yellow (68%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 76.968, 28.360 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, 76.968, 28.360 by changing the saturation by 10% instead.

 59, 76.968, 28.360

 59, 76.968, 28.360

 100, 76.968,
28.360

 49, 76.968, 28.360

 79, 76.968, 28.360

 39, 76.968, 28.360

 89, 76.968, 28.360

 29, 76.968, 28.360

 99, 76.968, 28.360

 19, 76.968, 28.360

 9, 76.968, 28.360

 0, 76.968, 28.360

 59, 76.968, 28.360

 59, 76.968, 28.360

 56, 87.672, 32.151

 63, 65.225, 25.132

 54, 97.016, 36.121

 68, 53.371, 22.586

■ 53, 103.105,
38.960

■ 74, 41.649, 20.609

■ 80, 30.356, 19.079

■ 86, 19.673, 17.883

■ 93, 9.683, 16.919

100, 0.395, 14.581

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, 76.968, 28.360



92, 46.544, 192.110

Rectangle

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



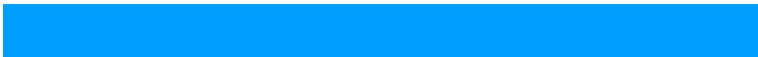
59, 76.968, 28.360



59, 76.968, 78.360



59, 76.968, 208.360



59, 76.968, 258.360

Sweetspot

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



59, 76.819, 28.339



86, 20.254, 17.943



63, 101.025, 326.177



44, 13.846, 18.250



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, 76.819, 28.339



55, 92.193, 33.992



73, 63.997, 61.693



49, 5.255, 16.835



40, 82.571, 38.526



10, 33.054, 25.639

Inverse Universe

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



59, 76.819, 28.339



55, 92.193, 33.992



69, 48.464, 266.147



49, 5.255, 16.835



40, 82.571, 38.526



10, 33.054, 25.639

Previews

White Background



This preview shows how the CIELCh color 59, 76.968, 28.360 looks on a white background.

Color Contrast Check

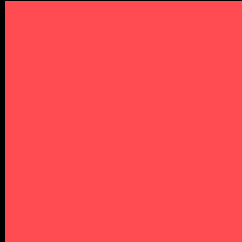
Large Text (above 18pt) WCAG AA ✓ Pass

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, 76.968, 28.360 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, 76.968, 28.360

Background



This preview shows how black text looks on a background with the CIELCh color 59, 76.968, 28.360.



This preview shows how white text looks on a background with the CIELCh color 59, 76.968, 28.360.

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, 76.968, 28.360

Protanopia

59, 19.581, 95.342

Deuteranopia

59, 40.061, 78.558



Tritanopia
59, 77.408, 29.701

Trichromacy



Original Color
59, 76.968, 28.360

Protanomaly
57, 33.960, 40.711

Deuteranomaly
57, 48.556, 47.907

Tritanomaly
59, 77.180, 29.332

Monochromacy



Original Color
59, 76.968, 28.360

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 27.779, 19.341

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 76.968, 28.360 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, 82)` looks like.

```
.text, #text, p{  
    color:rgb(255, 75, 82)  
}
```

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, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 75, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 76.968, 28.360 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, 82) }
```

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

```
.border{ border-color:rgb(255, 75, 82) }
```

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, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 75, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 75, 82);  
box-shadow:4px 4px 4px 4px rgb(255, 75,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 76.968, 28.360 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, 82) }
```

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

```
.background{ background-color: rgb(255, 75,  
82) }
```

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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