

Converting Colors

CIELCh(59, 78.114, 29.786)

Have a look what the booklet for
CIELCh(59, 78.114, 29.786) contains.

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Color

CIELCh(59, 77.867, 29.842)

Conversions

Conversions Part 1

Format	Color
Hex	FF4C4E
RGB	255, 76, 78
RGB Percent	100%, 30%, 31%
CMY	0.0000, 0.7037, 0.6925
CMYK	0.00, 0.70, 0.69, 0.00
HSL	359°, 100%, 65%
HSV	359°, 70%, 100%
XYZ	45.3891, 27.0277, 10.1093
YIQ	129.7490, 106.0420, 38.5700

Conversions

Conversions Part 2

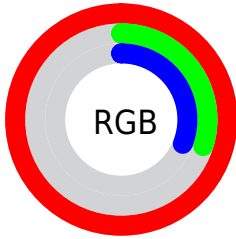
Format	Color
R_{YB}	255, 76, 78
Decimal	16731214
CIE _{Lab}	59.00, 67.54, 38.75
CIE _{LCh}	59, 77.867, 29.842
Yxy	27.0277, 0.5500, 0.3275
Android (android.graphics.Color)	4294921294 (0xFFFF4C4E)
YUV	129.7490, -25.5123, 109.8451
Hunter-Lab	51.9882, 64.8627, 24.8626

Details

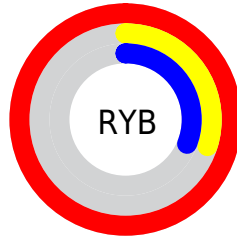
The CIELCh color **59, 77.867, 29.842** is a dark color, and the websafe version is hex **FF6666**. The color can be described as dark washed red. A complement of this color would be **92, 45.908, 194.745**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 51.213, 29.292**, and **40, 75.875, 31.471** is the 20% darker color. If you saturate the color by 10%, you get **56, 88.791, 33.487**, and if you desaturate by 10%, it is **63, 65.759, 26.686**.

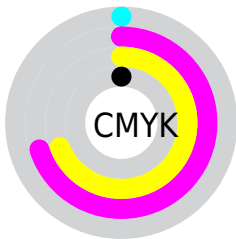
Distribution



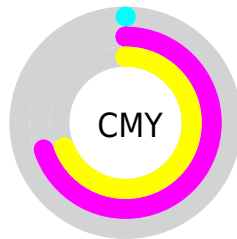
- Red (100%)
- Green (30%)
- Blue (31%)



- Red (100%)
- Yellow (30%)
- Blue (31%)



- Cyan (0%)
- Magenta (70%)
- Yellow (69%)
- Black (0%)



- Cyan (0%)
- Magenta (70%)
- Yellow (69%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 77.867, 29.842 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, 77.867, 29.842 by changing the saturation by 10% instead.

 59, 77.867, 29.842

 59, 77.867, 29.842

 100, 77.867,
29.842

 49, 77.867, 29.842

 79, 77.867, 29.842

 39, 77.867, 29.842

 89, 77.867, 29.842

 29, 77.867, 29.842

 99, 77.867, 29.842

 19, 77.867, 29.842

 9, 77.867, 29.842

 0, 77.867, 29.842

 59, 77.867, 29.842

 59, 77.867, 29.842

 56, 88.791, 33.487

 63, 65.759, 26.686

 54, 98.200, 37.155

 68, 53.668, 24.194

■ 53, 103.944,
39.561

■ 74, 41.776, 22.266

■ 80, 30.372, 20.786

■ 86, 19.628, 19.641

■ 93, 9.615, 18.727

100, 0.334, 16.130

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, 77.867, 29.842



92, 45.908, 194.745

Rectangle

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



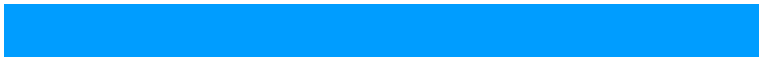
59, 77.867, 29.842



59, 77.867, 79.842



59, 77.867, 209.842



59, 77.867, 259.842

Sweetspot

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



59, 77.647, 29.816



86, 20.281, 19.704



64, 101.168, 327.260



44, 13.871, 19.997



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, 77.647, 29.816



55, 92.486, 34.868



75, 63.790, 64.761



49, 5.252, 18.654



40, 83.508, 39.373



10, 33.235, 26.542

Inverse Universe

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



59, 77.647, 29.816



55, 92.486, 34.868



67, 50.947, 270.114



49, 5.252, 18.654



40, 83.508, 39.373



10, 33.235, 26.542

Previews

White Background



This preview shows how the CIELCh color 59, 77.867, 29.842 looks on a white background.

Color Contrast Check

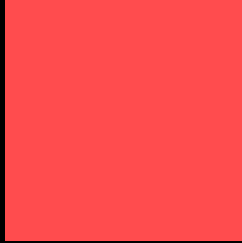
Large Text (above 18pt) WCAG AA ✓ Pass

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, 77.867, 29.842 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, 77.867, 29.842

Background



This preview shows how black text looks on a background with the CIELCh color 59, 77.867, 29.842.



This preview shows how white text looks on a background with the CIELCh color 59, 77.867, 29.842.

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, 77.639, 30.067

Protanopia

59, 22.396, 95.371

Deuteranopia

59, 41.950, 79.503



Tritanopia
59, 77.638, 29.476

Trichromacy



Original Color
59, 77.639, 30.067

Protanomaly
57, 35.866, 44.329

Deuteranomaly
57, 49.962, 49.743

Tritanomaly
59, 77.638, 29.476

Monochromacy



Original Color
59, 77.639, 30.067

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 27.928, 21.654

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 77.867, 29.842 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, 76, 78)` looks like.

```
.text, #text, p{  
    color:rgb(255, 76, 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, 76, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 76, 78) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 77.867, 29.842 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, 76, 78) }
```

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

```
.border{ border-color:rgb(255, 76, 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, 76, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 76, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 76, 78);  
box-shadow:4px 4px 4px 4px rgb(255, 76,  
78) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 77.867, 29.842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 76, 78) }
```

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

```
.background{ background-color: rgb(255, 76,  
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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