

Converting Colors

CIELCh(59, 78.739, 32.863)

Have a look what the booklet for
CIELCh(59, 78.739, 32.863) contains.

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Color

CIELCh(59, 78.900, 32.995)

Conversions

Conversions Part 1

Format	Color
Hex	FF4E47
RGB	255, 78, 71
RGB Percent	100%, 31%, 28%
CMY	0.0016, 0.6956, 0.7227
CMYK	0.00, 0.70, 0.72, 0.00
HSL	2°, 100%, 64%
HSV	2°, 72%, 100%
XYZ	44.9144, 27.0277, 8.7613
YIQ	130.1250, 107.7390, 35.3470

Conversions

Conversions Part 2

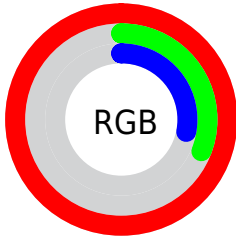
Format	Color
R_{YB}	255, 78, 71
Decimal	16731719
CIE _{Lab}	59.00, 66.17, 42.97
CIE _{LCh}	59, 78.900, 32.995
Yxy	27.0277, 0.5565, 0.3349
Android (android.graphics.Color)	4294921799 (0xFFFF4E47)
YUV	130.1250, -29.1486, 109.5154
Hunter-Lab	51.9882, 63.2330, 26.3999

Details

The CIELCh color **59, 78.900, 32.995** 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 **90, 44.067, 201.469**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 52.083, 34.205**, and **40, 77.750, 33.875** is the 20% darker color. If you saturate the color by 10%, you get **56, 90.281, 36.093**, and if you desaturate by 10%, it is **63, 66.774, 30.248**.

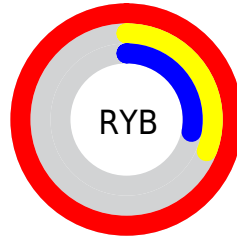
Distribution



Red (100%)

Green (31%)

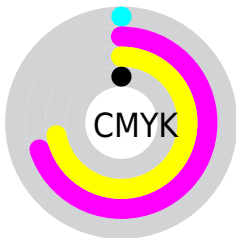
Blue (28%)



Red (100%)

Yellow (31%)

Blue (28%)

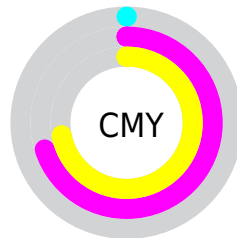


Cyan (0%)

Magenta (70%)

Yellow (72%)

Black (0%)



Cyan (0%)

Magenta (70%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 78.900, 32.995 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, 78.900, 32.995 by changing the saturation by 10% instead.

 59, 78.900, 32.995

 59, 78.900, 32.995

 100, 78.900,
32.995

 49, 78.900, 32.995

 79, 78.900, 32.995

 39, 78.900, 32.995

 89, 78.900, 32.995

 29, 78.900, 32.995

 99, 78.900, 32.995

 19, 78.900, 32.995

 9, 78.900, 32.995

 0, 78.900, 32.995

 59, 78.900, 32.995

 59, 78.900, 32.995

 56, 90.281, 36.093

 63, 66.774, 30.248

 54, 99.514, 38.855

 68, 54.576, 28.027

53, 103.998,
40.265

73, 42.702, 26.308

79, 31.403, 25.003

85, 20.819, 24.017

92, 10.996, 23.258

98, 1.924, 22.425

100, 0.142,
204.066

Harmonies

Complementary

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



59, 78.900, 32.995



90, 44.067, 201.469

Rectangle

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



59, 78.900, 32.995



59, 78.900, 82.995



59, 78.900, 212.995



59, 78.900, 262.995

Sweetspot

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



59, 78.897, 32.998



86, 20.614, 23.997



64, 100.493, 328.963



44, 14.002, 24.237



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, 78.897, 32.998



55, 95.216, 37.524



76, 65.581, 69.080



50, 5.063, 23.074



40, 83.712, 40.379



10, 32.606, 29.013

Inverse Universe

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



90, 44.067, 201.469



89, 46.845, 201.962



64, 56.496, 276.194



52, 4.761, 202.348



68, 38.340, 202.531



23, 17.741, 201.754

Previews

White Background



This preview shows how the CIELCh color 59, 78.900, 32.995 looks on a white background.

Color Contrast Check

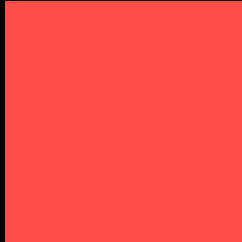
Large Text (above 18pt) WCAG AA ✓ Pass

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, 78.900, 32.995 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, 78.900, 32.995

Background



This preview shows how black text looks on a background with the CIELCh color 59, 78.900, 32.995.



This preview shows how white text looks on a background with the CIELCh color 59, 78.900, 32.995.

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, 78.900, 32.995

Protanopia

59, 27.977, 95.157

Deuteranopia

59, 46.087, 80.036



Tritanopia
59, 77.180, 29.332

Trichromacy



Original Color
59, 78.900, 32.995

Protanomaly
57, 39.183, 50.903

Deuteranomaly
57, 53.145, 53.404

Tritanomaly
59, 77.646, 30.658

Monochromacy



Original Color
59, 78.900, 32.995

Achromatopsia
54, 0.007, 296.813

Achromatomaly
54, 27.883, 26.159

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 78.900, 32.995 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, 78, 71)` looks like.

```
.text, #text, p{  
    color:rgb(255, 78, 71)  
}
```

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, 78, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 78, 71) }
```

Border

The CSS property to change the border of an element to CIELCh 59, 78.900, 32.995 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, 78, 71) }
```

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

```
.border{ border-color:rgb(255, 78, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 78, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 78, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 78, 71);  
box-shadow:4px 4px 4px 4px rgb(255, 78,  
71) }
```

Background

The CSS property to change the background color of an element to CIELCh 59, 78.900, 32.995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 78, 71) }
```

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

```
.background{ background-color: rgb(255, 78,  
71) }
```

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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