

Converting Colors

CIELCh(59, 78.350, 30.857)

Have a look what the booklet for
CIELCh(59, 78.350, 30.857) contains.

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Color

CIELCh(59, 78.111, 30.789)

Conversions

Conversions Part 1

Format	Color
Hex	FF4C4C
RGB	255, 76, 76
RGB Percent	100%, 30%, 30%
CMY	0.0000, 0.7010, 0.7013
CMYK	0.00, 0.70, 0.70, 0.00
HSL	0°, 100%, 65%
HSV	0°, 70%, 100%
XYZ	45.2359, 27.0277, 9.7011
YIQ	129.5210, 106.6840, 37.9480

Conversions

Conversions Part 2

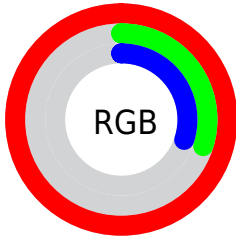
Format	Color
RYB	255, 76, 76
Decimal	16731212
CIELab	59.00, 67.10, 39.98
CIElCh	59, 78.111, 30.789
Yxy	27.0277, 0.5519, 0.3297
Android (android.graphics.Color)	4294921292 (0xFFFF4C4C)
YUV	129.5210, -26.3859, 110.0451
Hunter-Lab	51.9882, 64.3369, 25.3282

Details

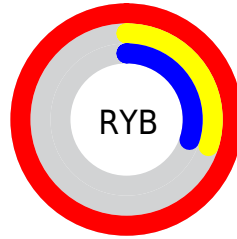
The CIELCh color **59, 78.111, 30.789** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **92, 45.431, 196.697**, and the grayscale version is **54, 0.007, 296.813**.

A 20% lighter version of the original color is **70, 51.589, 30.410**, and **40, 76.410, 32.191** is the 20% darker color. If you saturate the color by 10%, you get **56, 89.376, 34.328**, and if you desaturate by 10%, it is **63, 65.912, 27.729**.

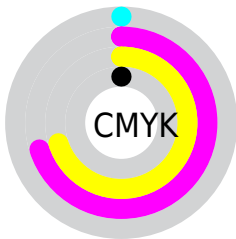
Distribution



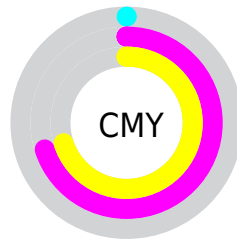
- Red (100%)
- Green (30%)
- Blue (30%)



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



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



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 59, 78.111, 30.789 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, 78.111, 30.789 by changing the saturation by 10% instead.

 59, 78.111, 30.789

 59, 78.111, 30.789

 100, 78.111,
30.789

 49, 78.111, 30.789

 79, 78.111, 30.789

 39, 78.111, 30.789

 89, 78.111, 30.789

 29, 78.111, 30.789

 99, 78.111, 30.789

 19, 78.111, 30.789

 9, 78.111, 30.789

 0, 78.111, 30.789

 59, 78.111, 30.789

 59, 78.111, 30.789

 56, 89.376, 34.328

 63, 65.912, 27.729

 54, 98.832, 37.762

 68, 53.652, 25.297

■ 53, 104.571,
40.003

■ 74, 41.644, 23.422

■ 80, 30.172, 21.989

■ 86, 19.397, 20.891

■ 93, 9.381, 20.022

100, 0.117, 13.783

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, 78.111, 30.789



92, 45.431, 196.697

Rectangle

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



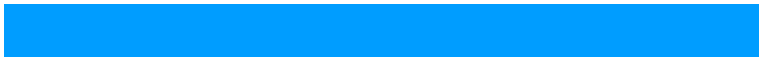
59, 78.111, 30.789



59, 78.111, 80.789



59, 78.111, 210.789



59, 78.111, 260.789

Sweetspot

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



59, 78.018, 30.781



86, 20.305, 20.976



65, 101.062, 327.796



44, 13.892, 21.258



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, 78.018, 30.781



55, 93.362, 35.728



75, 63.557, 66.337



49, 5.252, 19.971



40, 84.225, 40.004



10, 33.360, 27.193

Inverse Universe

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



92, 45.431, 196.697



91, 48.656, 196.516



66, 52.122, 271.888



52, 4.944, 198.993



70, 40.344, 196.440



24, 18.561, 196.434

Previews

White Background



This preview shows how the CIELCh color 59, 78.111, 30.789 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, 78.111, 30.789 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, 78.111, 30.789

Background



This preview shows how black text looks on a background with the CIELCh color 59, 78.111, 30.789.



This preview shows how white text looks on a background with the CIELCh color 59, 78.111, 30.789.

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





Tritanopia
59, 77.408, 29.701

Trichromacy



Original Color
59, 78.111, 30.789

Protanomaly
57, 36.829, 46.445

Deuteranomaly
58, 50.946, 51.039

Tritanomaly
59, 77.639, 30.067

Monochromacy



Original Color
59, 78.111, 30.789

Achromatopsia
54, 0.007, 296.813

Achromatomaly
53, 28.022, 22.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 59, 78.111, 30.789 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, 76)` looks like.

```
.text, #text, p{  
    color:rgb(255, 76, 76)  
}
```

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, 76) colored shadow looks like.

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

Border

The CSS property to change the border of an element to CIELCh 59, 78.111, 30.789 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, 76) }
```

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

```
.border{ border-color:rgb(255, 76, 76) }
```

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, 76)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to CIELCh 59, 78.111, 30.789 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, 76) }
```

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

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

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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