

Converting Colors

CIELCh(58, 78.642, 31.099)

Have a look what the booklet for
CIELCh(58, 78.642, 31.099) contains.

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Color

CIELCh(58, 78.340, 31.057)

Conversions

Conversions Part 1

Format	Color
Hex	FC4949
RGB	252, 73, 73
RGB Percent	99%, 29%, 29%
CMY	0.0115, 0.7134, 0.7136
CMYK	0.00, 0.71, 0.71, 0.01
HSL	0°, 97%, 64%
HSV	0°, 71%, 99%
XYZ	43.7569, 25.9610, 9.0155
YIQ	126.5210, 106.6840, 37.9480

Conversions

Conversions Part 2

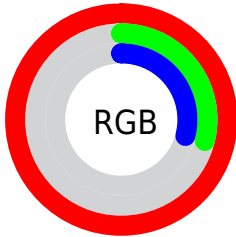
Format	Color
RYB	252, 73, 73
Decimal	16533833
CIELab	58.00, 67.11, 40.41
CIElCh	58, 78.340, 31.057
Yxy	25.9610, 0.5558, 0.3297
Android (android.graphics.Color)	4294723913 (0xFFFC4949)
YUV	126.5210, -26.3859, 110.0451
Hunter-Lab	50.9519, 64.1277, 25.1755

Details

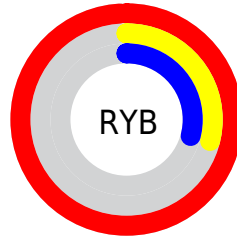
The CIELCh color **58, 78.340, 31.057** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **91, 45.300, 196.658**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 53.057, 30.481**, and **39, 76.139, 33.011** is the 20% darker color. If you saturate the color by 10%, you get **55, 89.485, 34.630**, and if you desaturate by 10%, it is **62, 66.382, 27.956**.

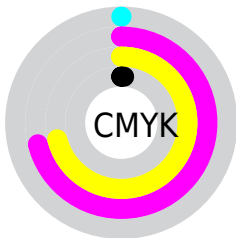
Distribution



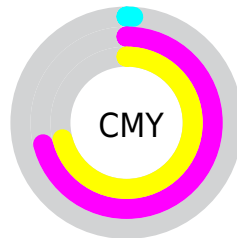
- Red (99%)
- Green (29%)
- Blue (29%)



- Red (99%)
- Yellow (29%)
- Blue (29%)



- Cyan (0%)
- Magenta (71%)
- Yellow (71%)
- Black (1%)



- Cyan (1%)
- Magenta (71%)
- Yellow (71%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 78.340, 31.057 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 58, 78.340, 31.057 by changing the saturation by 10% instead.

 58, 78.340, 31.057

 58, 78.340, 31.057

 100, 78.340,
31.057

 48, 78.340, 31.057

 78, 78.340, 31.057

 38, 78.340, 31.057

 88, 78.340, 31.057

 28, 78.340, 31.057

 98, 78.340, 31.057

 18, 78.340, 31.057

 8, 78.340, 31.057

 0, 78.340, 31.057

 58, 78.340, 31.057

 58, 78.340, 31.057

 55, 89.485, 34.630

 62, 66.382, 27.956

 53, 98.602, 38.003

 67, 54.231, 25.472

■ 53, 103.658,
40.001

■ 72, 42.301, 23.552

■ 78, 30.880, 22.086

■ 85, 20.140, 20.962

■ 91, 10.149, 20.077

■ 98, 0.905, 18.757

■ 100, 1.022,
199.989

Harmonies

Complementary

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



58, 78.340, 31.057



91, 45.300, 196.658

Rectangle

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



58, 78.340, 31.057



58, 78.340, 81.057



58, 78.340, 211.057



58, 78.340, 261.057

Sweetspot

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



58, 78.337, 31.059



86, 20.309, 20.961



64, 100.938, 327.820



44, 13.895, 21.243



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



58, 78.337, 31.059



55, 94.340, 36.077



74, 63.811, 66.209



49, 5.166, 19.954



39, 83.389, 40.002



9, 32.192, 26.147

Inverse Universe

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



91, 45.300, 196.658



91, 48.823, 196.481



65, 52.258, 272.221



51, 4.864, 198.977



69, 39.954, 196.410



23, 18.078, 196.407

Previews

White Background



This preview shows how the CIELCh color 58, 78.340, 31.057 looks on a white background.

Color Contrast Check

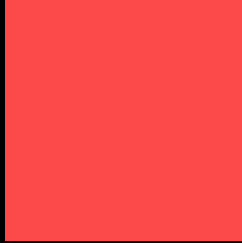
Large Text (above 18pt) WCAG AA ✓ Pass

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 58, 78.340, 31.057 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 58, 78.340, 31.057

Background



This preview shows how black text looks on a background with the CIELCh color 58, 78.340, 31.057.



This preview shows how white text looks on a background with the CIELCh color 58, 78.340, 31.057.

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

58, 78.340, 31.057

Protanopia

58, 25.164, 96.225

Deuteranopia

58, 43.904, 80.231



Tritanopia
58, 77.627, 29.975

Trichromacy



Original Color
58, 78.340, 31.057

Protanomaly
56, 37.308, 47.119

Deuteranomaly
56, 51.593, 51.421

Tritanomaly
58, 77.861, 30.339

Monochromacy



Original Color
58, 78.340, 31.057

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 28.169, 22.887

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 78.340, 31.057 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(252, 73, 73)` looks like.

```
.text, #text, p{  
    color:rgb(252, 73, 73)  
}
```

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(252, 73, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 73, 73) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 78.340, 31.057 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(252, 73, 73) }
```

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

```
.border{ border-color:rgb(252, 73, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 73, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 73, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 73, 73);  
box-shadow:4px 4px 4px 4px rgb(252, 73,  
73) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 78.340, 31.057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 73, 73) }
```

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

```
.background{ background-color: rgb(252, 73,  
73) }
```

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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