

Converting Colors

CIELCh(58, 79.213, 28.951)

Have a look what the booklet for
CIELCh(58, 79.213, 28.951) contains.

CIELCh(58, 79.051, 28.876)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(58, 79.051, 28.876)

Conversions

Conversions Part 1

Format	Color
Hex	FE454D
RGB	254, 69, 77
RGB Percent	100%, 27%, 30%
CMY	0.0027, 0.7282, 0.6972
CMYK	0.00, 0.73, 0.70, 0.00
HSL	357°, 99%, 63%
HSV	357°, 73%, 100%
XYZ	44.4789, 25.9610, 9.7285
YIQ	125.2270, 107.6920, 41.7080

Conversions

Conversions Part 2

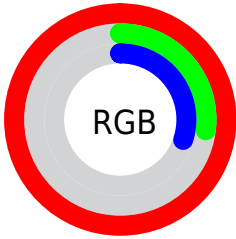
Format	Color
RYB	254, 69, 77
Decimal	16663885
CIELab	58.00, 69.22, 38.17
CIElCh	58, 79.051, 28.876
Yxy	25.9610, 0.5548, 0.3238
Android (android.graphics.Color)	4294853965 (0xFFFE454D)
YUV	125.2270, -23.7759, 112.9339
Hunter-Lab	50.9519, 66.6572, 24.3458

Details

The CIELCh color **58, 79.051, 28.876** 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, 47.300, 191.485**, and the grayscale version is **53, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 53.256, 26.798**, and **39, 75.783, 31.752** is the 20% darker color. If you saturate the color by 10%, you get **55, 89.567, 32.814**, and if you desaturate by 10%, it is **62, 67.660, 25.505**.

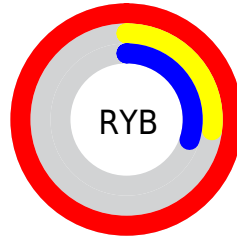
Distribution



Red (100%)

Green (27%)

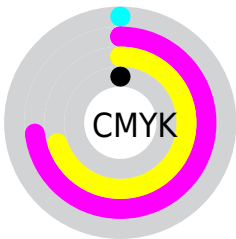
Blue (30%)



Red (100%)

Yellow (27%)

Blue (30%)

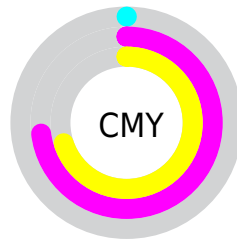


Cyan (0%)

Magenta (73%)

Yellow (70%)

Black (0%)



Cyan (0%)

Magenta (73%)

Yellow (70%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 79.051, 28.876 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, 79.051, 28.876 by changing the saturation by 10% instead.

 58, 79.051, 28.876

 58, 79.051, 28.876

 100, 79.051,
28.876

 48, 79.051, 28.876

 78, 79.051, 28.876

 38, 79.051, 28.876

 88, 79.051, 28.876

 28, 79.051, 28.876

 98, 79.051, 28.876

 18, 79.051, 28.876

 8, 79.051, 28.876

 0, 79.051, 28.876

 58, 79.051, 28.876

 58, 79.051, 28.876

 55, 89.567, 32.814

 62, 67.660, 25.505

 54, 98.350, 36.751

 67, 55.902, 22.803

■ 53, 102.730,
38.841

■ 72, 44.180, 20.699

■ 78, 32.817, 19.069

■ 84, 22.021, 17.797

■ 91, 11.896, 16.781

■ 98, 2.468, 15.782

100, 0.241,
202.137

Harmonies

Complementary

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



58, 79.051, 28.876



91, 47.300, 191.485

Rectangle

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



58, 79.051, 28.876



58, 79.051, 78.876



58, 79.051, 208.876



58, 79.051, 258.876

Sweetspot

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



58, 79.048, 28.878



85, 21.292, 17.715



62, 102.878, 326.220



43, 14.446, 18.025



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, 79.048, 28.878



55, 93.805, 34.552



72, 66.160, 61.398



49, 5.256, 16.487



40, 82.401, 38.368



10, 33.020, 25.464

Inverse Universe

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



58, 79.048, 28.878



55, 93.805, 34.552



68, 49.751, 267.075



49, 5.256, 16.487



40, 82.401, 38.368



10, 33.020, 25.464

Previews

White Background



This preview shows how the CIELCh color 58, 79.051, 28.876 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, 79.051, 28.876 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, 79.051, 28.876

Background



This preview shows how black text looks on a background with the CIELCh color 58, 79.051, 28.876.



This preview shows how white text looks on a background with the CIELCh color 58, 79.051, 28.876.

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, 79.051, 28.876

Protanopia

58, 20.847, 94.602

Deuteranopia

58, 41.346, 79.741



Tritanopia
58, 79.764, 30.511

Trichromacy



Original Color
58, 79.051, 28.876

Protanomaly
56, 35.804, 40.952

Deuteranomaly
56, 49.949, 48.638

Tritanomaly
58, 79.292, 29.802

Monochromacy



Original Color
58, 79.051, 28.876

Achromatopsia
53, 0.007, 296.813

Achromatomaly
52, 29.320, 19.829

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 79.051, 28.876 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(254, 69, 77)` looks like.

```
.text, #text, p{  
    color:rgb(254, 69, 77)  
}
```

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(254, 69, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 69, 77) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 79.051, 28.876 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(254, 69, 77) }
```

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

```
.border{ border-color:rgb(254, 69, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 69, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 69, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 69, 77);  
box-shadow:4px 4px 4px 4px rgb(254, 69,  
77) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 79.051, 28.876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 69, 77) }
```

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

```
.background{ background-color: rgb(254, 69,  
77) }
```

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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