

Converting Colors

CIELCh(58, 82.382, 32.585)

Have a look what the booklet for
CIELCh(58, 82.382, 32.585) contains.

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Color

CIELCh(58, 82.293, 32.526)

Conversions

Conversions Part 1

Format	Color
Hex	FF4542
RGB	255, 69, 66
RGB Percent	100%, 27%, 26%
CMY	0.0000, 0.7312, 0.7397
CMYK	0.00, 0.73, 0.74, 0.00
HSL	1°, 100%, 63%
HSV	1°, 74%, 100%
XYZ	44.5349, 25.9610, 7.8779
YIQ	124.2720, 111.8190, 38.4990

Conversions

Conversions Part 2

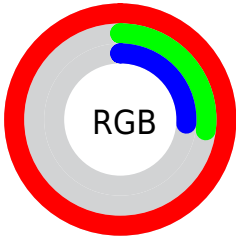
Format	Color
RYB	255, 69, 66
Decimal	16729410
CIELab	58.00, 69.39, 44.25
CIElCh	58, 82.293, 32.526
Yxy	25.9610, 0.5682, 0.3312
Android (android.graphics.Color)	4294919490 (0xFFFF4542)
YUV	124.2720, -28.7281, 114.6485
Hunter-Lab	50.9519, 66.8534, 26.4993

Details

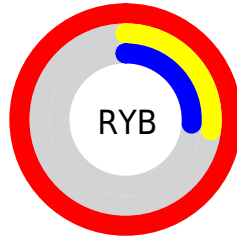
The CIELCh color **58, 82.293, 32.526** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **91, 45.917, 198.042**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 55.371, 32.623**, and **40, 79.062, 35.384** is the 20% darker color. If you saturate the color by 10%, you get **55, 93.014, 35.970**, and if you desaturate by 10%, it is **62, 70.120, 29.366**.

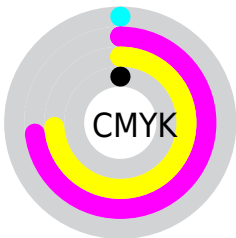
Distribution



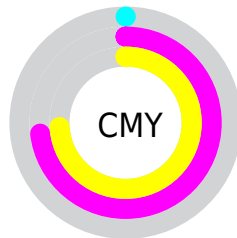
- Red (100%)
- Green (27%)
- Blue (26%)



- Red (100%)
- Yellow (27%)
- Blue (26%)



- Cyan (0%)
- Magenta (73%)
- Yellow (74%)
- Black (0%)



- Cyan (0%)
- Magenta (73%)
- Yellow (74%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 82.293, 32.526 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, 82.293, 32.526 by changing the saturation by 10% instead.

 58, 82.293, 32.526

 58, 82.293, 32.526

 100, 82.293,
32.526

 48, 82.293, 32.526

 78, 82.293, 32.526

 38, 82.293, 32.526

 88, 82.293, 32.526

 28, 82.293, 32.526

 98, 82.293, 32.526

 18, 82.293, 32.526

 8, 82.293, 32.526


 0, 82.293, 32.526

 58, 82.293, 32.526

 58, 82.293, 32.526

 55, 93.014, 35.970

 62, 70.120, 29.366

 54, 101.315,

 66, 57.865, 26.803

38.896

72, 45.771, 24.808

53, 104.438,
40.081

78, 34.151, 23.283

84, 23.195, 22.121

91, 12.989, 21.221

97, 3.544, 20.414

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.



58, 82.293, 32.526



91, 45.917, 198.042

Rectangle

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



58, 82.293, 32.526



58, 82.293, 82.526



58, 82.293, 212.526



58, 82.293, 262.526

Sweetspot

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



58, 82.082, 32.508



85, 21.128, 21.926



64, 104.369, 327.897



44, 14.348, 22.197



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, 82.082, 32.508



54, 97.679, 37.595



74, 67.215, 65.748



50, 5.194, 20.874



40, 84.070, 40.116



10, 33.128, 27.736

Inverse Universe

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



91, 45.917, 198.042



90, 48.606, 198.082



65, 54.824, 273.418



52, 4.887, 199.969



70, 39.708, 198.186



23, 18.303, 197.966

Previews

White Background



This preview shows how the CIELCh color 58, 82.293, 32.526 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, 82.293, 32.526 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, 82.293, 32.526

Background



This preview shows how black text looks on a background with the CIELCh color 58, 82.293, 32.526.



This preview shows how white text looks on a background with the CIELCh color 58, 82.293, 32.526.

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, 82.090, 32.723

Protanopia

58, 28.075, 95.069

Deuteranopia

58, 47.537, 80.376



Tritanopia
58, 81.050, 30.852

Trichromacy



Original Color
58, 82.090, 32.723

Protanomaly
55, 40.582, 48.588

Deuteranomaly
56, 54.814, 52.659

Tritanomaly
58, 81.540, 31.532

Monochromacy



Original Color
58, 82.090, 32.723

Achromatopsia
52, 0.007, 296.813

Achromatomaly
51, 29.759, 24.226

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 82.293, 32.526 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, 69, 66)` looks like.

```
.text, #text, p{  
    color:rgb(255, 69, 66)  
}
```

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, 69, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 69, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 82.293, 32.526 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, 69, 66) }
```

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

```
.border{ border-color:rgb(255, 69, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 69, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 69, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 69, 66);  
box-shadow:4px 4px 4px 4px rgb(255, 69,  
66) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 82.293, 32.526 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 69, 66) }
```

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

```
.background{ background-color: rgb(255, 69,  
66) }
```

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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