

Converting Colors

CIELCh(58, 81.692, 32.994)

Have a look what the booklet for
CIELCh(58, 81.692, 32.994) contains.

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Color

CIELCh(58, 81.501, 32.889)

Conversions

Conversions Part 1

Format	Color
Hex	FE4642
RGB	254, 70, 66
RGB Percent	100%, 27%, 26%
CMY	0.0025, 0.7240, 0.7402
CMYK	0.00, 0.72, 0.74, 0.00
HSL	1°, 99%, 63%
HSV	1°, 74%, 100%
XYZ	44.2100, 25.9610, 7.8755
YIQ	124.5600, 110.9480, 37.7640

Conversions

Conversions Part 2

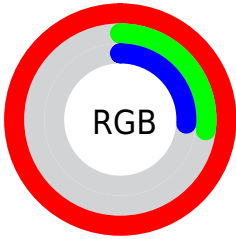
Format	Color
R_{YB}	254, 70, 66
Decimal	16664130
CIE _{Lab}	58.00, 68.44, 44.26
CIE _{LCh}	58, 81.501, 32.889
Yxy	25.9610, 0.5665, 0.3326
Android (android.graphics.Color)	4294854210 (0xFFFE4642)
YUV	124.5600, -28.8701, 113.5189
Hunter-Lab	50.9519, 65.7150, 26.5021

Details

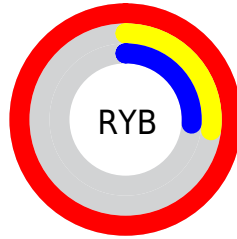
The CIELCh color **58, 81.501, 32.889** is a dark color, and the websafe version is hex **FF3333**. The color can be described as dark washed red. A complement of this color would be **90, 45.273, 199.387**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **68, 55.097, 33.120**, and **39, 78.707, 35.335** is the 20% darker color. If you saturate the color by 10%, you get **55, 92.506, 36.212**, and if you desaturate by 10%, it is **62, 69.512, 29.873**.

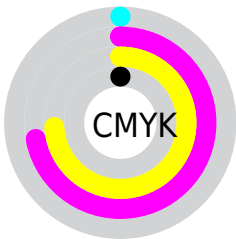
Distribution



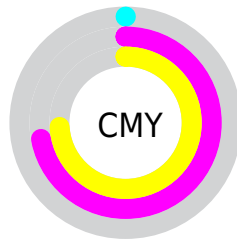
- Red (100%)
- Green (27%)
- Blue (26%)



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



- Cyan (0%)
- Magenta (72%)
- Yellow (74%)
- Black (0%)



- Cyan (0%)
- Magenta (72%)
- Yellow (74%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 81.501, 32.889 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, 81.501, 32.889 by changing the saturation by 10% instead.

 58, 81.501, 32.889

 58, 81.501, 32.889

 100, 81.501,
32.889

 48, 81.501, 32.889

 78, 81.501, 32.889

 38, 81.501, 32.889

 88, 81.501, 32.889

 28, 81.501, 32.889

 98, 81.501, 32.889

 18, 81.501, 32.889

 8, 81.501, 32.889


 0, 81.501, 32.889

 58, 81.501, 32.889

 58, 81.501, 32.889

 55, 92.506, 36.212

 62, 69.512, 29.873

 54, 100.932,

 66, 57.287, 27.410

39.005

72, 45.266, 25.493

53, 104.116,
40.154

78, 33.747, 24.030

84, 22.906, 22.918

90, 12.818, 22.060

97, 3.486, 21.288

100, 0.221,
202.394

Harmonies

Complementary

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



58, 81.501, 32.889



90, 45.273, 199.387

Rectangle

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



58, 81.501, 32.889



58, 81.501, 82.889



58, 81.501, 212.889



58, 81.501, 262.889

Sweetspot

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



58, 81.498, 32.891



85, 20.921, 22.734



63, 102.976, 328.450



44, 14.209, 22.992



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, 81.498, 32.891



54, 97.436, 37.774



75, 67.060, 67.272



50, 5.141, 21.732



40, 83.928, 40.220



10, 32.918, 28.241

Inverse Universe

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



90, 45.273, 199.387



90, 47.964, 199.619



64, 56.219, 275.181



52, 4.837, 200.895



69, 39.145, 199.864



23, 18.073, 199.433

Previews

White Background



This preview shows how the CIELCh color 58, 81.501, 32.889 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, 81.501, 32.889 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, 81.501, 32.889

Background



This preview shows how black text looks on a background with the CIELCh color 58, 81.501, 32.889.



This preview shows how white text looks on a background with the CIELCh color 58, 81.501, 32.889.

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, 81.501, 32.889

Protanopia
58, 29.018, 96.231

Deuteranopia
58, 47.719, 81.091



Tritanopia
58, 80.599, 30.706

Trichromacy



Original Color
58, 81.501, 32.889

Protanomaly
56, 40.308, 50.296

Deuteranomaly
56, 55.051, 53.597

Tritanomaly
58, 81.086, 31.392

Monochromacy



Original Color
58, 81.501, 32.889

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 29.263, 24.156

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 81.501, 32.889 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, 70, 66)` looks like.

```
.text, #text, p{  
    color:rgb(254, 70, 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(254, 70, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 70, 66) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 81.501, 32.889 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, 70, 66) }
```

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

```
.border{ border-color:rgb(254, 70, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 70, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 70, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 70, 66);  
box-shadow:4px 4px 4px 4px rgb(254, 70,  
66) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 81.501, 32.889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 70, 66) }
```

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

```
.background{ background-color: rgb(254, 70,  
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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