

Converting Colors

CIELCh(58, 86.385, 40.346)

Have a look what the booklet for
CIELCh(58, 86.385, 40.346) contains.

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Color

CIELCh(58, 86.550, 40.245)

Conversions

Conversions Part 1

Format	Color
Hex	FD4A2B
RGB	253, 74, 43
RGB Percent	99%, 29%, 17%
CMY	0.0078, 0.7097, 0.8313
CMYK	0.00, 0.71, 0.83, 0.01
HSL	9°, 98%, 58%
HSV	9°, 83%, 99%
XYZ	43.4016, 25.9610, 5.0105
YIQ	123.9870, 116.6350, 28.3070

Conversions

Conversions Part 2

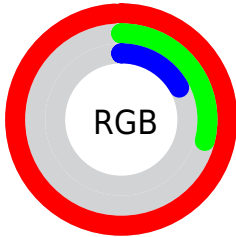
Format	Color
R_{YB}	253, 79, 43
Decimal	16599595
CIE _{Lab}	58.00, 66.06, 55.92
CIE _{LCh}	58, 86.550, 40.245
Yxy	25.9610, 0.5836, 0.3491
Android (android.graphics.Color)	4294789675 (0xFFFD4A2B)
YUV	123.9870, -39.9266, 113.1444
Hunter-Lab	50.9519, 62.8831, 29.8359

Details

The CIELCh color **58, 86.550, 40.245** 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 **82, 42.093, 220.309**, and the grayscale version is **52, 0.007, 296.813**.

A 20% lighter version of the original color is **69, 60.738, 44.832**, and **39, 82.832, 40.000** is the 20% darker color. If you saturate the color by 10%, you get **56, 96.320, 41.430**, and if you desaturate by 10%, it is **61, 74.900, 38.610**.

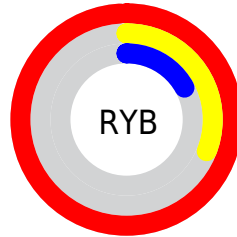
Distribution



Red (99%)

Green (29%)

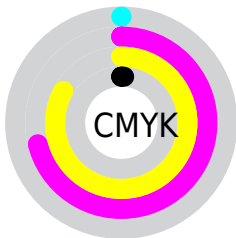
Blue (17%)



Red (99%)

Yellow (31%)

Blue (17%)

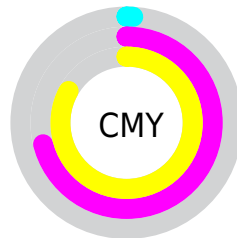


Cyan (0%)

Magenta (71%)

Yellow (83%)

Black (1%)



Cyan (1%)

Magenta (71%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 58, 86.550, 40.245 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, 86.550, 40.245 by changing the saturation by 10% instead.

 58, 86.550, 40.245

 58, 86.550, 40.245

 100, 86.550,
40.245

 48, 86.550, 40.245

 78, 86.550, 40.245

 38, 86.550, 40.245

 88, 86.550, 40.245

 28, 86.550, 40.245

 98, 86.550, 40.245

 18, 86.550, 40.245

 8, 86.550, 40.245


 0, 86.550, 40.245

 58, 86.550, 40.245

 58, 86.550, 40.245

 56, 96.320, 41.430

 61, 74.900, 38.610

 54, 101.152,

 65, 62.850, 37.084

41.747

70, 51.061, 35.854

75, 39.843, 34.940

80, 29.341, 34.303

86, 19.604, 33.889

92, 10.621, 33.635

98, 2.349, 33.326

100, 0.688,
200.324

Harmonies

Complementary

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



58, 86.550, 40.245



82, 42.093, 220.309

Rectangle

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



58, 86.550, 40.245



58, 86.550, 90.245



58, 86.550, 220.245



58, 86.550, 270.245

Sweetspot

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



58, 86.547, 40.247



85, 21.629, 33.957



60, 99.855, 333.388



43, 14.977, 34.094



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, 86.547, 40.247



55, 101.763, 41.740



77, 74.844, 76.097



50, 4.607, 33.566



41, 81.579, 42.058



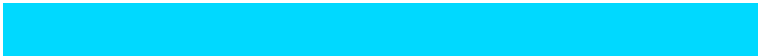
11, 30.742, 34.425

Inverse Universe

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



82, 42.093, 220.309



80, 43.583, 224.793



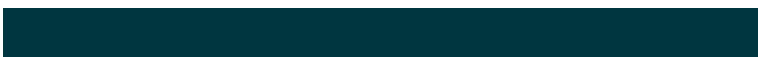
53, 76.731, 288.902



52, 4.332, 213.725



62, 35.119, 224.238



20, 16.245, 220.438

Previews

White Background



This preview shows how the CIELCh color 58, 86.550, 40.245 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, 86.550, 40.245 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, 86.550, 40.245

Background



This preview shows how black text looks on a background with the CIELCh color 58, 86.550, 40.245.



This preview shows how white text looks on a background with the CIELCh color 58, 86.550, 40.245.

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, 86.550, 40.245

Protanopia

58, 44.018, 95.968

Deuteranopia

58, 59.413, 82.694



Tritanopia
58, 79.764, 30.511

Trichromacy



Original Color
58, 86.550, 40.245

Protanomaly
56, 51.528, 61.919

Deuteranomaly
56, 64.884, 60.960

Tritanomaly
58, 82.340, 34.377

Monochromacy



Original Color
58, 86.550, 40.245

Achromatopsia
52, 0.007, 296.813

Achromatomaly
52, 30.057, 34.718

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 58, 86.550, 40.245 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(253, 74, 43)` looks like.

```
.text, #text, p{  
    color:rgb(253, 74, 43)  
}
```

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(253, 74, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 74, 43) }
```

Border

The CSS property to change the border of an element to CIELCh 58, 86.550, 40.245 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(253, 74, 43) }
```

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

```
.border{ border-color:rgb(253, 74, 43) }
```

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

Here you see how a box with a 4 pixel rgb(253, 74, 43) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 74, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 74, 43);  
box-shadow:4px 4px 4px 4px rgb(253, 74,  
43) }
```

Background

The CSS property to change the background color of an element to CIELCh 58, 86.550, 40.245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 74, 43) }
```

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

```
.background{ background-color: rgb(253, 74,  
43) }
```

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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