

Converting Colors

CIELCh(60, 82.077, 39.834)

Have a look what the booklet for
CIELCh(60, 82.077, 39.834) contains.

CIELCh(60, 82.053, 39.903)	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(60, 82.053, 39.903)

Conversions

Conversions Part 1

Format	Color
Hex	FF5536
RGB	255, 85, 54
RGB Percent	100%, 33%, 21%
CMY	0.0000, 0.6656, 0.7874
CMYK	0.00, 0.67, 0.79, 0.00
HSL	9°, 100%, 61%
HSV	9°, 79%, 100%
XYZ	45.2895, 28.1233, 6.5583
YIQ	132.2960, 111.2710, 26.3990

Conversions

Conversions Part 2

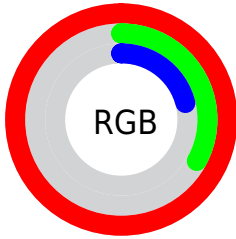
Format	Color
R_{YB}	255, 91, 54
Decimal	16733494
CIE _{Lab}	60.00, 62.95, 52.64
CIE _{LCh}	60, 82.053, 39.903
Yxy	28.1233, 0.5663, 0.3517
Android (android.graphics.Color)	4294923574 (0xFFFF5536)
YUV	132.2960, -38.5999, 107.6114
Hunter-Lab	53.0314, 59.6360, 29.7897

Details

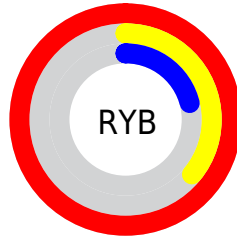
The CIELCh color **60, 82.053, 39.903** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **83, 41.555, 220.663**, and the grayscale version is **55, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 55.644, 45.112**, and **40, 82.014, 39.839** is the 20% darker color. If you saturate the color by 10%, you get **57, 92.836, 41.296**, and if you desaturate by 10%, it is **64, 69.931, 38.366**.

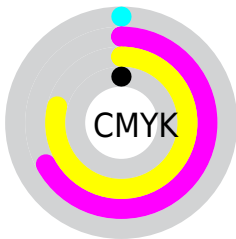
Distribution



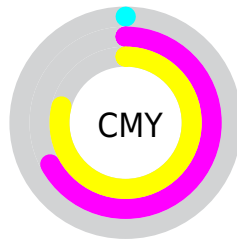
- Red (100%)
- Green (33%)
- Blue (21%)



- Red (100%)
- Yellow (36%)
- Blue (21%)



- Cyan (0%)
- Magenta (67%)
- Yellow (79%)
- Black (0%)



- Cyan (0%)
- Magenta (67%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 82.053, 39.903 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 60, 82.053, 39.903 by changing the saturation by 10% instead.

 60, 82.053, 39.903

 60, 82.053, 39.903

 100, 82.053,
39.903

 50, 82.053, 39.903

 80, 82.053, 39.903

 40, 82.053, 39.903

 90, 82.053, 39.903

 30, 82.053, 39.903

 20, 82.053, 39.903

 10, 82.053, 39.903


 0, 82.053, 39.903

 60, 82.053, 39.903

 60, 82.053, 39.903

 57, 92.836, 41.296

 64, 69.931, 38.366

 55, 100.698,

 68, 57.887, 37.028

41.808

73, 46.278, 35.995

55, 101.538,
41.889

78, 35.329, 35.256

83, 25.133, 34.764

89, 15.707, 34.465

95, 7.022, 34.284

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.



60, 82.053, 39.903



83, 41.555, 220.663

Rectangle

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



60, 82.053, 39.903



60, 82.053, 89.903



60, 82.053, 219.903



60, 82.053, 269.903

Sweetspot

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



60, 81.934, 39.912



86, 20.572, 34.602



61, 97.189, 333.861



44, 14.348, 34.720



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 81.934, 39.912



56, 97.447, 41.689



80, 72.659, 78.403



50, 4.584, 34.298



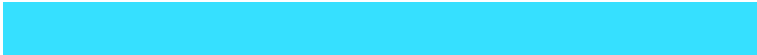
41, 81.387, 42.219



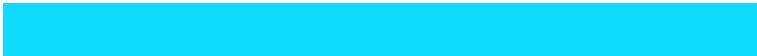
11, 30.640, 34.770

Inverse Universe

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



83, 41.555, 220.663



80, 43.286, 224.521



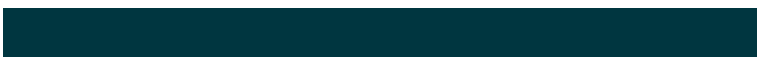
55, 74.933, 288.480



52, 4.311, 214.519



61, 35.082, 225.752



20, 16.207, 221.746

Previews

White Background



This preview shows how the CIELCh color 60, 82.053, 39.903 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 60, 82.053, 39.903 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 60, 82.053, 39.903

Background



This preview shows how black text looks on a background with the CIELCh color 60, 82.053, 39.903.



This preview shows how white text looks on a background with the CIELCh color 60, 82.053, 39.903.

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

60, 82.053, 39.903

Protanopia

60, 40.977, 95.926

Deuteranopia

60, 55.724, 81.679



Tritanopia
60, 73.951, 28.344

Trichromacy



Original Color
60, 82.053, 39.903

Protanomaly
58, 48.309, 61.923

Deuteranomaly
59, 61.212, 60.304

Tritanomaly
60, 76.525, 33.078

Monochromacy



Original Color
60, 82.053, 39.903

Achromatopsia
55, 0.007, 296.813

Achromatomaly
55, 28.220, 35.006

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 82.053, 39.903 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, 85, 54)` looks like.

```
.text, #text, p{  
    color:rgb(255, 85, 54)  
}
```

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, 85, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 85, 54) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 82.053, 39.903 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, 85, 54) }
```

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

```
.border{ border-color:rgb(255, 85, 54) }
```

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

Here you see how a box with a 4 pixel rgb(255, 85, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 85, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 85, 54);  
box-shadow:4px 4px 4px 4px rgb(255, 85,  
54) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 82.053, 39.903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 85, 54) }
```

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

```
.background{ background-color: rgb(255, 85,  
54) }
```

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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