

Converting Colors

CIELCh(60, 78.590, 36.787)

Have a look what the booklet for
CIELCh(60, 78.590, 36.787) contains.

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Color

CIELCh(60, 78.343, 36.939)

Conversions

Conversions Part 1

Format	Color
Hex	FE5641
RGB	254, 86, 65
RGB Percent	100%, 34%, 25%
CMY	0.0037, 0.6625, 0.7450
CMYK	0.00, 0.66, 0.74, 0.00
HSL	7°, 99%, 63%
HSV	7°, 74%, 100%
XYZ	45.1755, 28.1233, 8.0534
YIQ	133.8380, 106.8690, 29.0850

Conversions

Conversions Part 2

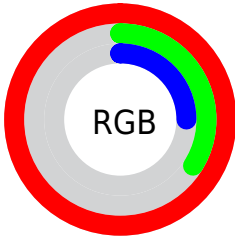
Format	Color
R_{YB}	254, 89, 65
Decimal	16668225
CIE _{Lab}	60.00, 62.62, 47.08
CIE _{LCh}	60, 78.343, 36.939
Yxy	28.1233, 0.5553, 0.3457
Android (android.graphics.Color)	4294858305 (0xFFFE5641)
YUV	133.8380, -33.9371, 105.3821
Hunter-Lab	53.0314, 59.2525, 28.1181

Details

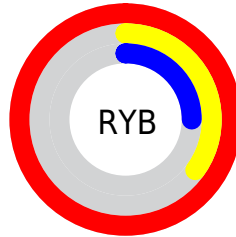
The CIELCh color **60, 78.343, 36.939** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed red. A complement of this color would be **85, 41.587, 212.532**, and the grayscale version is **56, 0.007, 296.813**.

A 20% lighter version of the original color is **71, 52.174, 40.673**, and **40, 78.125, 36.851** is the 20% darker color. If you saturate the color by 10%, you get **57, 89.809, 39.047**, and if you desaturate by 10%, it is **64, 66.210, 34.959**.

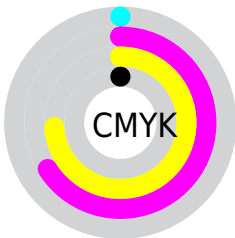
Distribution



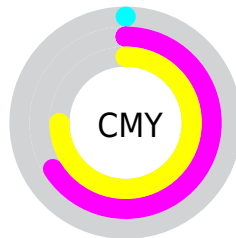
- Red (100%)
- Green (34%)
- Blue (25%)



- Red (100%)
- Yellow (35%)
- Blue (25%)



- Cyan (0%)
- Magenta (66%)
- Yellow (74%)
- Black (0%)



- Cyan (0%)
- Magenta (66%)
- Yellow (75%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 78.343, 36.939 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, 78.343, 36.939 by changing the saturation by 10% instead.

 60, 78.343, 36.939

 60, 78.343, 36.939

 100, 78.343,
36.939

 50, 78.343, 36.939

 80, 78.343, 36.939

 40, 78.343, 36.939

 90, 78.343, 36.939

 30, 78.343, 36.939

 20, 78.343, 36.939

 10, 78.343, 36.939

 0, 78.343, 36.939

 60, 78.343, 36.939

 60, 78.343, 36.939

 57, 89.809, 39.047

 64, 66.210, 34.959

 55, 98.950, 40.586

 68, 54.179, 33.331

54, 102.496,
41.080

74, 42.621, 32.081

79, 31.729, 31.163

85, 21.589, 30.509

91, 12.217, 30.051

97, 3.580, 29.643

100, 0.332,
201.381

Harmonies

Complementary

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



60, 78.343, 36.939



85, 41.587, 212.532

Rectangle

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



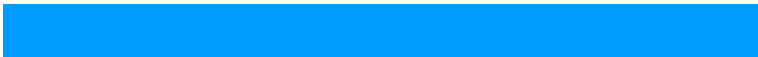
60, 78.343, 36.939



60, 78.343, 86.939



60, 78.343, 216.939



60, 78.343, 266.939

Sweetspot

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



60, 78.340, 36.942



87, 19.329, 30.384



62, 97.492, 331.506



44, 13.136, 30.527



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, 78.340, 36.942



56, 94.740, 39.893



78, 68.103, 74.767



50, 4.740, 29.869



41, 82.473, 41.330



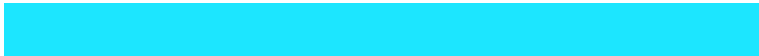
11, 31.305, 32.627

Inverse Universe

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



85, 41.587, 212.532



84, 43.826, 214.744



59, 64.824, 283.066



52, 4.454, 209.714



64, 35.664, 216.523



21, 16.563, 213.804

Previews

White Background



This preview shows how the CIELCh color 60, 78.343, 36.939 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, 78.343, 36.939 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, 78.343, 36.939

Background



This preview shows how black text looks on a background with the CIELCh color 60, 78.343, 36.939.



This preview shows how white text looks on a background with the CIELCh color 60, 78.343, 36.939.

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, 78.343, 36.939

Protanopia

60, 34.295, 95.773

Deuteranopia

60, 50.137, 81.133



Tritanopia
60, 73.740, 27.950

Trichromacy



Original Color
60, 78.343, 36.939

Protanomaly
58, 43.026, 58.348

Deuteranomaly
59, 56.032, 57.703

Tritanomaly
60, 75.293, 31.271

Monochromacy



Original Color
60, 78.343, 36.939

Achromatopsia
56, 0.007, 296.813

Achromatomaly
55, 27.066, 31.850

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 78.343, 36.939 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, 86, 65)` looks like.

```
.text, #text, p{  
    color:rgb(254, 86, 65)  
}
```

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, 86, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 86, 65) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 78.343, 36.939 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, 86, 65) }
```

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

```
.border{ border-color:rgb(254, 86, 65) }
```

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

Here you see how a box with a 4 pixel rgb(254, 86, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 86, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 86, 65);  
box-shadow:4px 4px 4px 4px rgb(254, 86,  
65) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 78.343, 36.939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 86, 65) }
```

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

```
.background{ background-color: rgb(254, 86,  
65) }
```

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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