

Converting Colors

CIELCh(60, 75.287, 42.195)

Have a look what the booklet for
CIELCh(60, 75.287, 42.195) contains.

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Color

CIELCh(60, 75.522, 42.184)

Conversions

Conversions Part 1

Format	Color
Hex	F65F39
RGB	246, 95, 57
RGB Percent	96%, 37%, 22%
CMY	0.0347, 0.6269, 0.7760
CMYK	0.00, 0.61, 0.77, 0.03
HSL	12°, 91%, 59%
HSV	12°, 77%, 97%
XYZ	42.9028, 28.1233, 7.0526
YIQ	135.8170, 102.1940, 20.1940

Conversions

Conversions Part 2

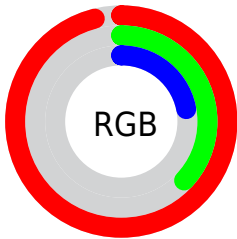
Format	Color
R_{YB}	246, 105, 57
Decimal	16146233
CIE _{Lab}	60.00, 55.96, 50.71
CIE _{LCh}	60, 75.522, 42.184
Yxy	28.1233, 0.5495, 0.3602
Android (android.graphics.Color)	4294336313 (0xFFFF65F39)
YUV	135.8170, -38.8568, 96.6305
Hunter-Lab	53.0314, 51.6027, 29.2371

Details

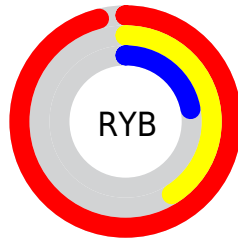
The CIELCh color **60, 75.522, 42.184** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **78, 39.719, 228.552**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **73, 52.915, 48.655**, and **40, 75.482, 42.076** is the 20% darker color. If you saturate the color by 10%, you get **57, 86.429, 43.042**, and if you desaturate by 10%, it is **64, 63.924, 41.212**.

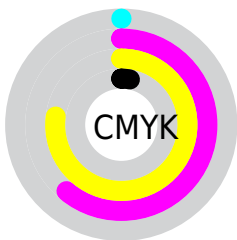
Distribution



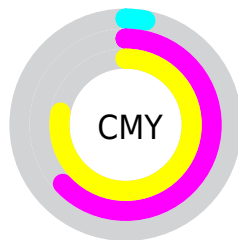
- Red (96%)
- Green (37%)
- Blue (22%)



- Red (96%)
- Yellow (41%)
- Blue (22%)



- Cyan (0%)
- Magenta (61%)
- Yellow (77%)
- Black (3%)



- Cyan (3%)
- Magenta (63%)
- Yellow (78%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 75.522, 42.184 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, 75.522, 42.184 by changing the saturation by 10% instead.

 60, 75.522, 42.184

 60, 75.522, 42.184

 100, 75.522,
42.184

 50, 75.522, 42.184

 80, 75.522, 42.184

 40, 75.522, 42.184

 90, 75.522, 42.184

 30, 75.522, 42.184

 20, 75.522, 42.184

 10, 75.522, 42.184

 0, 75.522, 42.184

 60, 75.522, 42.184

 60, 75.522, 42.184

 57, 86.429, 43.042

 64, 63.924, 41.212

 54, 94.913, 43.123

 68, 52.492, 40.397

54, 97.137, 43.110

73, 41.592, 39.817

77, 31.382, 39.465

83, 21.911, 39.306

88, 13.169, 39.295

93, 5.112, 39.348

99, 2.318, 219.967

99, 3.064, 199.427

Harmonies

Complementary

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



60, 75.522, 42.184



78, 39.719, 228.552

Rectangle

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



60, 75.522, 42.184



60, 75.522, 92.184



60, 75.522, 222.184



60, 75.522, 272.184

Sweetspot

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



60, 75.519, 42.187



87, 19.049, 39.287



59, 90.296, 336.021



45, 13.387, 39.305



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, 75.519, 42.187



57, 93.916, 43.236



80, 70.551, 83.063



48, 4.303, 39.339



41, 78.312, 43.525



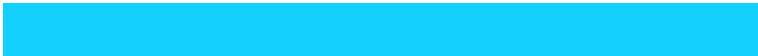
10, 27.458, 35.903

Inverse Universe

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



78, 39.719, 228.552



78, 43.299, 233.538



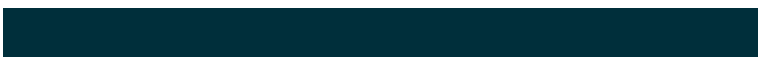
51, 76.603, 291.001



50, 4.055, 219.981



57, 34.705, 235.840



17, 15.294, 230.023

Previews

White Background



This preview shows how the CIELCh color 60, 75.522, 42.184 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, 75.522, 42.184 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, 75.522, 42.184

Background



This preview shows how black text looks on a background with the CIELCh color 60, 75.522, 42.184.



This preview shows how white text looks on a background with the CIELCh color 60, 75.522, 42.184.

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, 75.522, 42.184

Protanopia

60, 40.482, 95.877

Deuteranopia

60, 53.622, 81.669



Tritanopia
60, 67.531, 26.108

Trichromacy



Original Color
60, 75.522, 42.184

Protanomaly
59, 46.101, 65.713

Deuteranomaly
59, 57.740, 62.435

Tritanomaly
60, 69.637, 32.580

Monochromacy



Original Color
60, 75.522, 42.184

Achromatopsia
57, 0.007, 296.813

Achromatomaly
56, 25.599, 39.674

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 75.522, 42.184 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(246, 95, 57)` looks like.

```
.text, #text, p{  
    color:rgb(246, 95, 57)  
}
```

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(246, 95, 57) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 95, 57) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 75.522, 42.184 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(246, 95, 57) }
```

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

```
.border{ border-color:rgb(246, 95, 57) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 95, 57)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 95, 57); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 95, 57);  
box-shadow:4px 4px 4px 4px rgb(246, 95,  
57) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 75.522, 42.184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 95, 57) }
```

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

```
.background{ background-color: rgb(246, 95,  
57) }
```

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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