

Converting Colors

CIELCh(64, 60.487, 41.826)

Have a look what the booklet for
CIELCh(64, 60.487, 41.826) contains.

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Color

CIELCh(64, 60.743, 42.080)

Conversions

Conversions Part 1

Format	Color
Hex	F37755
RGB	243, 119, 85
RGB Percent	95%, 47%, 33%
CMY	0.0481, 0.5342, 0.6675
CMYK	0.00, 0.51, 0.65, 0.05
HSL	13°, 87%, 64%
HSV	13°, 65%, 95%
XYZ	45.0741, 32.8017, 12.5077
YIQ	152.2000, 84.8180, 15.7140

Conversions

Conversions Part 2

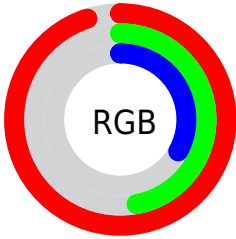
Format	Color
R _Y B	243, 128, 85
Decimal	15955797
CIE Lab	64.00, 45.08, 40.71
CIE LCh	64, 60.743, 42.080
Yxy	32.8017, 0.4987, 0.3629
Android (android.graphics.Color)	4294145877 (0xFFFF37755)
YUV	152.2000, -33.1296, 79.6316
Hunter-Lab	57.2727, 40.2536, 27.1427

Details

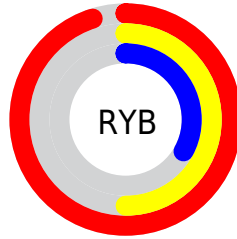
The CIELCh color **64, 60.743, 42.080** is a light color, and the websafe version is hex **CC6633**. The color can be described as light muted orange. A complement of this color would be **78, 36.114, 228.053**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 40.479, 51.057**, and **44, 60.776, 41.946** is the 20% darker color. If you saturate the color by 10%, you get **60, 72.157, 42.885**, and if you desaturate by 10%, it is **68, 49.586, 41.442**.

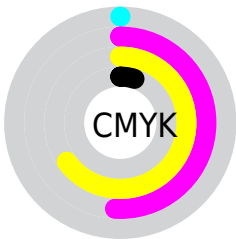
Distribution



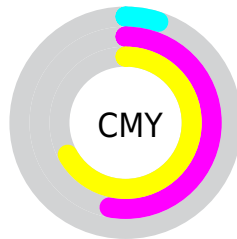
- Red (95%)
- Green (47%)
- Blue (33%)



- Red (95%)
- Yellow (50%)
- Blue (33%)



- Cyan (0%)
- Magenta (51%)
- Yellow (65%)
- Black (5%)



- Cyan (5%)
- Magenta (53%)
- Yellow (67%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 60.743, 42.080 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 64, 60.743, 42.080 by changing the saturation by 10% instead.

 64, 60.743, 42.080

 64, 60.743, 42.080

 100, 60.743,
42.080

 54, 60.743, 42.080

 84, 60.743, 42.080

 44, 60.743, 42.080

 94, 60.743, 42.080

 34, 60.743, 42.080

 24, 60.743, 42.080

 14, 60.743, 42.080

 4, 60.743, 42.080

 0, 60.743, 42.080

 64, 60.743, 42.080

 64, 60.743, 42.080

 60, 72.157, 42.885

 68, 49.586, 41.442

57, 83.118, 43.620

73, 39.003, 41.018

54, 92.086, 43.713

78, 29.116, 40.801

53, 95.531, 43.556

83, 19.958, 40.758

88, 11.506, 40.843

93, 3.713, 40.947

98, 3.482, 221.592

99, 4.231, 199.294

Harmonies

Complementary

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



64, 60.743, 42.080



78, 36.114, 228.053

Rectangle

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



64, 60.743, 42.080



64, 60.743, 92.080



64, 60.743, 222.080



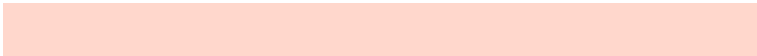
64, 60.743, 272.080

Sweetspot

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



64, 60.741, 42.083



89, 16.229, 40.788



62, 80.772, 335.039



46, 11.203, 40.767



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 60.741, 42.083



62, 78.577, 43.142



81, 60.463, 84.941



48, 4.271, 40.919



41, 77.839, 43.975



11, 27.254, 36.765

Inverse Universe

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



78, 36.114, 228.053



79, 41.155, 231.512



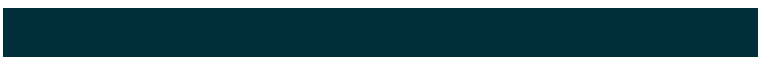
57, 63.158, 287.103



50, 4.027, 221.689



56, 34.999, 238.890



17, 15.339, 232.692

Previews

White Background



This preview shows how the CIELCh color 64, 60.743, 42.080 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 64, 60.743, 42.080 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 64, 60.743, 42.080

Background



This preview shows how black text looks on a background with the CIELCh color 64, 60.743, 42.080.



This preview shows how white text looks on a background with the CIELCh color 64, 60.743, 42.080.

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





Tritanopia
64, 54.755, 21.616

Trichromacy



Original Color
64, 60.743, 42.080

Protanomaly
63, 37.121, 66.451

Deuteranomaly
63, 46.790, 61.323

Tritanomaly
64, 55.969, 30.026

Monochromacy



Original Color
64, 60.743, 42.080

Achromatopsia
63, 0.008, 296.813

Achromatomaly
62, 20.162, 40.287

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 60.743, 42.080 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(243, 119, 85)` looks like.

```
.text, #text, p{  
    color:rgb(243, 119, 85)  
}
```

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(243, 119, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 119, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 60.743, 42.080 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(243, 119, 85) }
```

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

```
.border{ border-color:rgb(243, 119, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 119, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 119, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 119, 85);  
box-shadow:4px 4px 4px 4px rgb(243, 119,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 60.743, 42.080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 119, 85) }
```

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

```
.background{ background-color: rgb(243,  
119, 85) }
```

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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