

Converting Colors

CIELCh(63, 59.602, 41.501)

Have a look what the booklet for
CIELCh(63, 59.602, 41.501) contains.

CIELCh(63, 59.504, 41.481)	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(63, 59.504, 41.481)

Conversions

Conversions Part 1

Format	Color
Hex	EF7555
RGB	239, 117, 85
RGB Percent	94%, 46%, 33%
CMY	0.0642, 0.5424, 0.6678
CMYK	0.00, 0.51, 0.65, 0.06
HSL	12°, 82%, 63%
HSV	12°, 65%, 94%
XYZ	43.4246, 31.5869, 12.3425
YIQ	149.8300, 82.9840, 15.9120

Conversions

Conversions Part 2

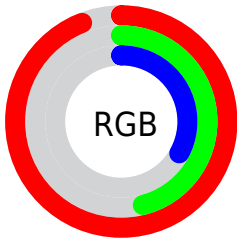
Format	Color
R _Y B	239, 125, 85
Decimal	15693141
CIE Lab	63.00, 44.58, 39.41
CIE LCh	63, 59.504, 41.481
Yxy	31.5869, 0.4971, 0.3616
Android (android.graphics.Color)	4293883221 (0xFFEF7555)
YUV	149.8300, -31.9612, 78.2021
Hunter-Lab	56.2022, 39.5640, 26.3210

Details

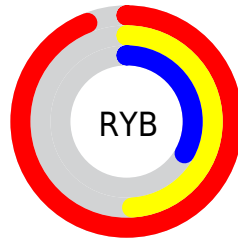
The CIELCh color **63, 59.504, 41.481** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **78, 35.469, 226.685**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 41.128, 49.121**, and **43, 59.521, 41.379** is the 20% darker color. If you saturate the color by 10%, you get **59, 70.794, 42.361**, and if you desaturate by 10%, it is **67, 48.489, 40.787**.

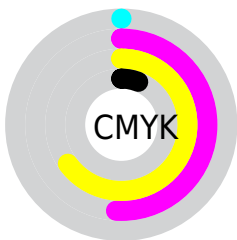
Distribution



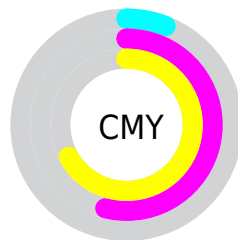
- Red (94%)
- Green (46%)
- Blue (33%)



- Red (94%)
- Yellow (49%)
- Blue (33%)



- Cyan (0%)
- Magenta (51%)
- Yellow (65%)
- Black (6%)



- Cyan (6%)
- Magenta (54%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 59.504, 41.481 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 63, 59.504, 41.481 by changing the saturation by 10% instead.

63, 59.504, 41.481

63, 59.504, 41.481

100, 59.504,
41.481

53, 59.504, 41.481

83, 59.504, 41.481

43, 59.504, 41.481

93, 59.504, 41.481

33, 59.504, 41.481

23, 59.504, 41.481

13, 59.504, 41.481

3, 59.504, 41.481

0, 59.504, 41.481

63, 59.504, 41.481

63, 59.504, 41.481

59, 70.794, 42.361

67, 48.489, 40.787

56, 81.693, 43.204

72, 38.049, 40.317

54, 90.739, 43.461

77, 28.300, 40.061

52, 94.573, 43.349

82, 19.270, 39.982

87, 10.938, 40.032

92, 3.257, 40.085

97, 3.832, 220.703

99, 5.627, 199.167

Harmonies

Complementary

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



63, 59.504, 41.481



78, 35.469, 226.685

Rectangle

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



63, 59.504, 41.481



63, 59.504, 91.481



63, 59.504, 221.481



63, 59.504, 271.481

Sweetspot

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



63, 59.502, 41.484



89, 15.415, 39.997



61, 79.190, 334.990



46, 10.737, 39.984



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 59.502, 41.484



62, 77.708, 42.614



80, 59.152, 85.036



47, 4.214, 40.082



40, 77.269, 43.758



10, 26.095, 35.540

Inverse Universe

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



78, 35.469, 226.685



80, 40.889, 229.856



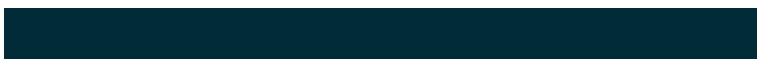
56, 61.696, 286.907



49, 3.972, 220.784



56, 34.473, 237.238



16, 14.875, 230.939

Previews

White Background



This preview shows how the CIELCh color 63, 59.504, 41.481 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 63, 59.504, 41.481 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 63, 59.504, 41.481

Background



This preview shows how black text looks on a background with the CIELCh color 63, 59.504, 41.481.

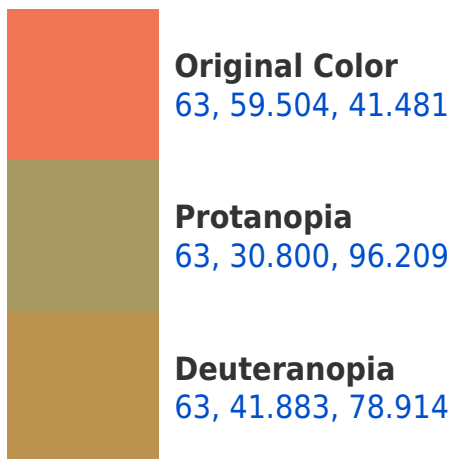


This preview shows how white text looks on a background with the CIELCh color 63, 59.504, 41.481.

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
63, 54.074, 21.548

Trichromacy



Original Color
63, 59.504, 41.481

Protanomaly
62, 35.720, 66.480

Deuteranomaly
63, 45.414, 61.207

Tritanomaly
63, 55.089, 29.564

Monochromacy



Original Color
63, 59.504, 41.481

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 19.821, 40.669

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 59.504, 41.481 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(239, 117, 85)` looks like.

```
.text, #text, p{  
    color:rgb(239, 117, 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(239, 117, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 117, 85) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 59.504, 41.481 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(239, 117, 85) }
```

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

```
.border{ border-color:rgb(239, 117, 85) }
```

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

Here you see how a box with a 4 pixel rgb(239, 117, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 117, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 117, 85);  
box-shadow:4px 4px 4px 4px rgb(239, 117,  
85) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 59.504, 41.481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 117, 85) }
```

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

```
.background{ background-color: rgb(239,  
117, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor