

Converting Colors

CIELCh(61, 58.398, 40.924)

Have a look what the booklet for
CIELCh(61, 58.398, 40.924) contains.

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Color

CIELCh(61, 58.560, 40.917)

Conversions

Conversions Part 1

Format	Color
Hex	E87052
RGB	232, 112, 82
RGB Percent	91%, 44%, 32%
CMY	0.0913, 0.5617, 0.6793
CMYK	0.00, 0.52, 0.65, 0.09
HSL	12°, 76%, 61%
HSV	12°, 65%, 91%
XYZ	40.4673, 29.2481, 11.4509
YIQ	144.4600, 81.1500, 16.1100

Conversions

Conversions Part 2

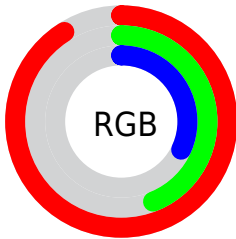
Format	Color
R_{YB}	232, 120, 82
Decimal	15233106
CIE _{Lab}	61.00, 44.25, 38.35
CIE _{LCh}	61, 58.560, 40.917
Yxy	29.2481, 0.4986, 0.3603
Android (android.graphics.Color)	4293423186 (0xFFE87052)
YUV	144.4600, -30.7928, 76.7726
Hunter-Lab	54.0815, 38.9226, 25.3034

Details

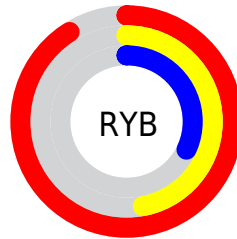
The CIELCh color **61, 58.560, 40.917** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **76, 34.757, 225.422**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **76, 42.730, 46.808**, and **41, 58.485, 40.882** is the 20% darker color. If you saturate the color by 10%, you get **57, 69.616, 41.882**, and if you desaturate by 10%, it is **65, 47.761, 40.149**.

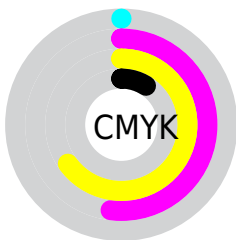
Distribution



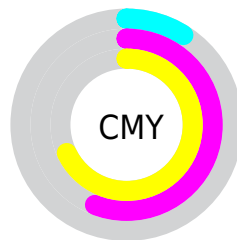
- Red (91%)
- Green (44%)
- Blue (32%)



- Red (91%)
- Yellow (47%)
- Blue (32%)



- Cyan (0%)
- Magenta (52%)
- Yellow (65%)
- Black (9%)



- Cyan (9%)
- Magenta (56%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 58.560, 40.917 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 61, 58.560, 40.917 by changing the saturation by 10% instead.

61, 58.560, 40.917

61, 58.560, 40.917

100, 58.560,
40.917

51, 58.560, 40.917

81, 58.560, 40.917

41, 58.560, 40.917

91, 58.560, 40.917

31, 58.560, 40.917

21, 58.560, 40.917

11, 58.560, 40.917

1, 58.560, 40.917

0, 58.560, 40.917

61, 58.560, 40.917

61, 58.560, 40.917

57, 69.616, 41.882

65, 47.761, 40.149

54, 80.274, 42.821

70, 37.516, 39.615

52, 89.094, 43.173

74, 27.943, 39.302

51, 92.743, 43.155

79, 19.073, 39.173

84, 10.888, 39.180

89, 3.343, 39.199

95, 3.619, 219.778

98, 7.951, 198.986

Harmonies

Complementary

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



61, 58.560, 40.917



76, 34.757, 225.422

Rectangle

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



61, 58.560, 40.917



61, 58.560, 90.917



61, 58.560, 220.917



61, 58.560, 270.917

Sweetspot

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



61, 58.558, 40.920



89, 15.483, 39.164



59, 78.402, 334.281



46, 10.785, 39.164



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 58.558, 40.920



62, 79.197, 42.252



77, 57.391, 83.658



45, 4.082, 39.210



39, 75.869, 43.563



8, 23.643, 33.236

Inverse Universe

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



76, 34.757, 225.422



80, 41.089, 228.715



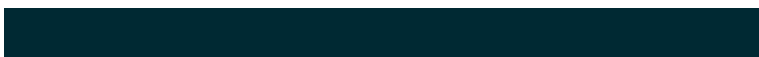
55, 58.981, 285.825



47, 3.848, 219.840



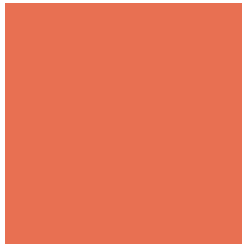
55, 33.610, 235.456



14, 13.983, 228.736

Previews

White Background



This preview shows how the CIELCh color 61, 58.560, 40.917 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 61, 58.560, 40.917 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 61, 58.560, 40.917

Background



This preview shows how black text looks on a background with the CIELCh color 61, 58.560, 40.917.



This preview shows how white text looks on a background with the CIELCh color 61, 58.560, 40.917.

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

61, 58.560, 40.917

Protanopia

61, 29.908, 95.847

Deuteranopia

61, 40.719, 79.320



Tritanopia
61, 53.583, 21.639

Trichromacy



Original Color
61, 58.560, 40.917

Protanomaly
60, 35.125, 65.369

Deuteranomaly
60, 44.249, 60.991

Tritanomaly
61, 54.446, 29.219

Monochromacy



Original Color
61, 58.560, 40.917

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 19.782, 39.232

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 58.560, 40.917 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(232, 112, 82)` looks like.

```
.text, #text, p{  
    color:rgb(232, 112, 82)  
}
```

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(232, 112, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 112, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 58.560, 40.917 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(232, 112, 82) }
```

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

```
.border{ border-color:rgb(232, 112, 82) }
```

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

Here you see how a box with a 4 pixel rgb(232, 112, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 112, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 112, 82);  
box-shadow:4px 4px 4px 4px rgb(232, 112,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 58.560, 40.917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 112, 82) }
```

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

```
.background{ background-color: rgb(232,  
112, 82) }
```

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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