

Converting Colors

CIELCh(62, 58.087, 44.142)

Have a look what the booklet for
CIELCh(62, 58.087, 44.142) contains.

CIELCh(62, 58.144, 44.246)	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(62, 58.144, 44.246)

Conversions

Conversions Part 1

Format	Color
Hex	E87550
RGB	232, 117, 80
RGB Percent	91%, 46%, 31%
CMY	0.0908, 0.5416, 0.6867
CMYK	0.00, 0.50, 0.66, 0.09
HSL	15°, 77%, 61%
HSV	15°, 66%, 91%
XYZ	41.0219, 30.4025, 11.2733
YIQ	147.1670, 80.4170, 12.8730

Conversions

Conversions Part 2

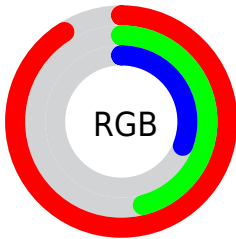
Format	Color
R _Y B	232, 129, 80
Decimal	15234384
CIE Lab	62.00, 41.65, 40.57
CIE LCh	62, 58.144, 44.246
Yxy	30.4025, 0.4960, 0.3676
Android (android.graphics.Color)	4293424464 (0xFFE87550)
YUV	147.1670, -33.1133, 74.3985
Hunter-Lab	55.1385, 36.3079, 26.4748

Details

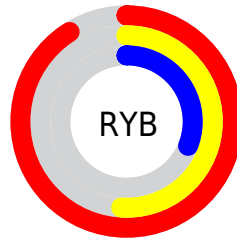
The CIELCh color **62, 58.144, 44.246** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **74, 35.059, 232.856**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 42.794, 51.822**, and **42, 58.334, 44.196** is the 20% darker color. If you saturate the color by 10%, you get **58, 69.001, 44.744**, and if you desaturate by 10%, it is **66, 47.532, 43.867**.

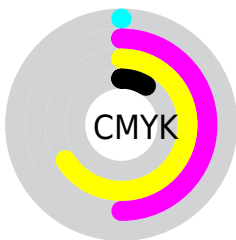
Distribution



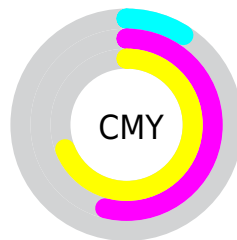
- Red (91%)
- Green (46%)
- Blue (31%)



- Red (91%)
- Yellow (51%)
- Blue (31%)



- Cyan (0%)
- Magenta (50%)
- Yellow (66%)
- Black (9%)



- Cyan (9%)
- Magenta (54%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 62, 58.144, 44.246 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 62, 58.144, 44.246 by changing the saturation by 10% instead.

62, 58.144, 44.246

62, 58.144, 44.246

100, 58.144,
44.246

52, 58.144, 44.246

82, 58.144, 44.246

42, 58.144, 44.246

92, 58.144, 44.246

32, 58.144, 44.246

22, 58.144, 44.246

12, 58.144, 44.246

2, 58.144, 44.246

0, 58.144, 44.246

62, 58.144, 44.246

62, 58.144, 44.246

58, 69.001, 44.744

66, 47.532, 43.867

55, 79.413, 45.121

70, 37.470, 43.662

53, 87.923, 44.828

75, 28.070, 43.635

52, 91.026, 44.588

79, 19.356, 43.759

84, 11.306, 43.995

89, 3.873, 44.248

94, 3.001, 225.021

98, 7.904, 198.989

Harmonies

Complementary

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



62, 58.144, 44.246



74, 35.059, 232.856

Rectangle

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



62, 58.144, 44.246



62, 58.144, 94.246



62, 58.144, 224.246



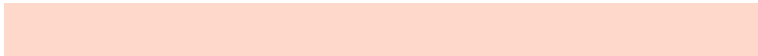
62, 58.144, 274.246

Sweetspot

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



62, 58.142, 44.249



89, 16.009, 43.877



59, 76.576, 336.567



46, 11.049, 43.812



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



62, 58.142, 44.249



63, 78.597, 44.926



79, 59.847, 87.534



46, 3.997, 44.165



40, 74.393, 45.068



9, 23.027, 36.212

Inverse Universe

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



74, 35.059, 232.856



77, 41.767, 237.054



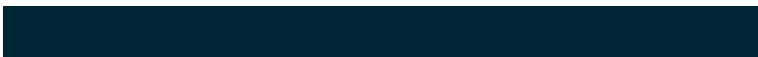
53, 64.352, 289.280



47, 3.779, 225.186



52, 34.741, 244.757



14, 14.148, 236.751

Previews

White Background



This preview shows how the CIELCh color 62, 58.144, 44.246 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 62, 58.144, 44.246 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 62, 58.144, 44.246

Background



This preview shows how black text looks on a background with the CIELCh color 62, 58.144, 44.246.



This preview shows how white text looks on a background with the CIELCh color 62, 58.144, 44.246.

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
62, 51.229, 20.932

Trichromacy



Original Color
62, 58.144, 44.246

Protanomaly
61, 36.855, 68.274

Deuteranomaly
62, 46.106, 63.752

Tritanomaly
62, 52.551, 30.588

Monochromacy



Original Color
62, 58.144, 44.246

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 19.331, 42.942

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 62, 58.144, 44.246 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, 117, 80)` looks like.

```
.text, #text, p{  
    color:rgb(232, 117, 80)  
}
```

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, 117, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 117, 80) }
```

Border

The CSS property to change the border of an element to CIELCh 62, 58.144, 44.246 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, 117, 80) }
```

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

```
.border{ border-color:rgb(232, 117, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 117, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 117, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 117, 80);  
box-shadow:4px 4px 4px 4px rgb(232, 117,  
80) }
```

Background

The CSS property to change the background color of an element to CIELCh 62, 58.144, 44.246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 117, 80) }
```

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

```
.background{ background-color: rgb(232,  
117, 80) }
```

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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