

Converting Colors

CIELCh(61, 43.649, 62.581)

Have a look what the booklet for
CIELCh(61, 43.649, 62.581) contains.

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Color

CIELCh(61, 43.814, 62.196)

Conversions

Conversions Part 1

Format	Color
Hex	C7844F
RGB	199, 132, 79
RGB Percent	78%, 52%, 31%
CMY	0.2192, 0.4820, 0.6899
CMYK	0.00, 0.34, 0.60, 0.22
HSL	27°, 52%, 55%
HSV	27°, 60%, 78%
XYZ	33.2576, 29.2481, 11.3056
YIQ	145.9910, 56.9450, -2.2790

Conversions

Conversions Part 2

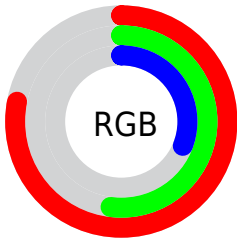
Format	Color
R_{YB}	199, 174, 79
Decimal	13075535
CIE _{Lab}	61.00, 20.44, 38.76
CIE _{LCh}	61, 43.814, 62.196
Yxy	29.2481, 0.4506, 0.3963
Android (android.graphics.Color)	4291265615 (0xFFC7844F)
YUV	145.9910, -33.0266, 46.4889
Hunter-Lab	54.0815, 15.1262, 25.4626

Details

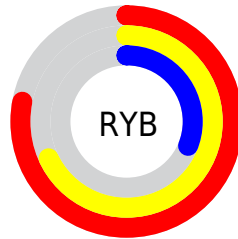
The CIELCh color **61, 43.814, 62.196** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **58, 34.208, 261.044**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 42.767, 63.572**, and **41, 43.922, 62.328** is the 20% darker color. If you saturate the color by 10%, you get **58, 52.179, 61.077**, and if you desaturate by 10%, it is **64, 35.603, 63.277**.

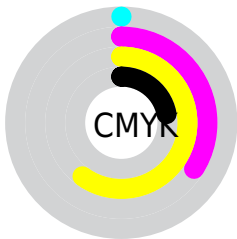
Distribution



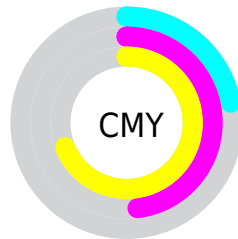
- Red (78%)
- Green (52%)
- Blue (31%)



- Red (78%)
- Yellow (68%)
- Blue (31%)



- Cyan (0%)
- Magenta (34%)
- Yellow (60%)
- Black (22%)



- Cyan (22%)
- Magenta (48%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 43.814, 62.196 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, 43.814, 62.196 by changing the saturation by 10% instead.

■ 61, 43.814, 62.196

■ 61, 43.814, 62.196

■ 100, 43.814,
62.196

■ 51, 43.814, 62.196

■ 81, 43.814, 62.196

■ 41, 43.814, 62.196

■ 91, 43.814, 62.196

■ 31, 43.814, 62.196

■ 21, 43.814, 62.196

■ 11, 43.814, 62.196

■ 1, 43.814, 62.196

■ 0, 43.814, 62.196

■ 61, 43.814, 62.196

■ 61, 43.814, 62.196

■ 58, 52.179, 61.077

■ 64, 35.603, 63.277

56, 60.302, 59.784

67, 27.726, 64.356

53, 67.404, 58.051

70, 20.248, 65.450

51, 72.783, 55.838

73, 13.176, 66.553

77, 6.492, 67.642

80, 0.165, 66.330

84, 5.841, 249.995

87, 11.562,
251.040

90, 15.804,
247.868

Harmonies

Complementary

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



61, 43.814, 62.196



58, 34.208, 261.044

Rectangle

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



61, 43.814, 62.196



61, 43.814, 112.196



61, 43.814, 242.196



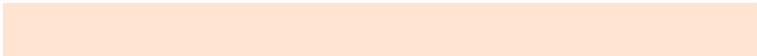
61, 43.814, 292.196

Sweetspot

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



61, 43.813, 62.200



93, 14.216, 66.775



52, 56.376, 346.502



48, 9.962, 66.450



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, 43.813, 62.200



72, 65.642, 60.744



76, 57.110, 101.278



40, 3.570, 67.736



42, 62.545, 56.427



7, 13.003, 50.794

Inverse Universe

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



58, 34.208, 261.044



69, 48.793, 265.725



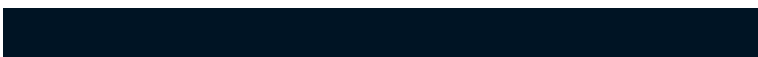
42, 67.011, 297.271



40, 3.462, 250.052



38, 45.554, 277.228



6, 13.097, 264.660

Previews

White Background



This preview shows how the CIELCh color 61, 43.814, 62.196 looks on a white background.

Color Contrast Check

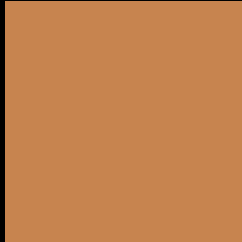
Large Text (above 18pt) WCAG AA ✓ Pass

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, 43.814, 62.196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

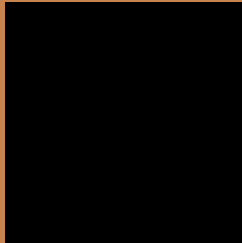
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 61, 43.814, 62.196

Background



This preview shows how black text looks on a background with the CIELCh color 61, 43.814, 62.196.



This preview shows how white text looks on a background with the CIELCh color 61, 43.814, 62.196.

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, 43.814, 62.196

Protanopia

61, 35.227, 96.030

Deuteranopia

61, 40.243, 79.076



Tritanopia
61, 32.376, 13.369

Trichromacy



Original Color
61, 43.814, 62.196

Protanomaly
61, 36.244, 82.077

Deuteranomaly
61, 41.101, 72.465

Tritanomaly
61, 33.136, 35.051

Monochromacy



Original Color
61, 43.814, 62.196

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 14.760, 65.973

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 43.814, 62.196 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(199, 132, 79)` looks like.

```
.text, #text, p{  
    color:rgb(199, 132, 79)  
}
```

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(199, 132, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 132, 79) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 43.814, 62.196 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(199, 132, 79) }
```

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

```
.border{ border-color:rgb(199, 132, 79) }
```

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

Here you see how a box with a 4 pixel rgb(199, 132, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 132, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 132, 79);  
box-shadow:4px 4px 4px 4px rgb(199, 132,  
79) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 43.814, 62.196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 132, 79) }
```

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

```
.background{ background-color: rgb(199,  
132, 79) }
```

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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