

Converting Colors

CIELCh(63, 52.204, 50.305)

Have a look what the booklet for
CIELCh(63, 52.204, 50.305) contains.

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Color

CIELCh(63, 52.524, 50.310)

Conversions

Conversions Part 1

Format	Color
Hex	E07F52
RGB	224, 127, 82
RGB Percent	88%, 50%, 32%
CMY	0.1221, 0.5023, 0.6788
CMYK	0.00, 0.43, 0.63, 0.12
HSL	19°, 70%, 60%
HSV	19°, 63%, 88%
XYZ	39.7974, 31.5869, 11.9624
YIQ	150.8730, 72.2570, 6.5690

Conversions

Conversions Part 2

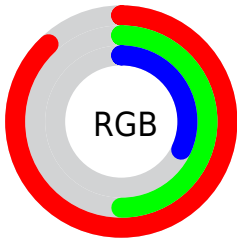
Format	Color
RYB	224, 148, 82
Decimal	14712658
CIELab	63.00, 33.54, 40.42
CIELCh	63, 52.524, 50.310
Yxy	31.5869, 0.4775, 0.3790
Android (android.graphics.Color)	4292902738 (0xFFE07F52)
YUV	150.8730, -33.9544, 64.1324
Hunter-Lab	56.2022, 28.0439, 26.7220

Details

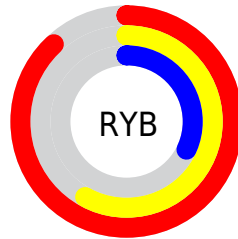
The CIELCh color **63, 52.524, 50.310** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **69, 34.492, 244.264**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 41.158, 58.517**, and **43, 52.482, 50.038** is the 20% darker color. If you saturate the color by 10%, you get **60, 62.611, 50.076**, and if you desaturate by 10%, it is **67, 42.725, 50.590**.

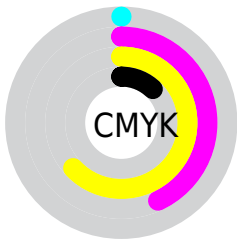
Distribution



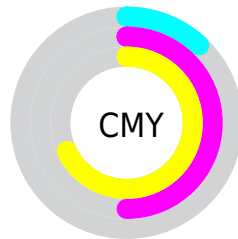
- Red (88%)
- Green (50%)
- Blue (32%)



- Red (88%)
- Yellow (58%)
- Blue (32%)



- Cyan (0%)
- Magenta (43%)
- Yellow (63%)
- Black (12%)



- Cyan (12%)
- Magenta (50%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 52.524, 50.310 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, 52.524, 50.310 by changing the saturation by 10% instead.

63, 52.524, 50.310

63, 52.524, 50.310

100, 52.524,
50.310

53, 52.524, 50.310

83, 52.524, 50.310

43, 52.524, 50.310

93, 52.524, 50.310

33, 52.524, 50.310

23, 52.524, 50.310

13, 52.524, 50.310

3, 52.524, 50.310

0, 52.524, 50.310

63, 52.524, 50.310

63, 52.524, 50.310

60, 62.611, 50.076

67, 42.725, 50.590

56, 72.439, 49.698

71, 33.451, 50.966

54, 80.863, 48.762

75, 24.778, 51.446

52, 85.305, 47.838

79, 16.712, 52.016

83, 9.222, 52.645

88, 2.261, 53.174

92, 4.224, 234.286

96, 9.013, 218.131

98, 10.540,
198.803

Harmonies

Complementary

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



63, 52.524, 50.310



69, 34.492, 244.264

Rectangle

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



63, 52.524, 50.310



63, 52.524, 100.310



63, 52.524, 230.310



63, 52.524, 280.310

Sweetspot

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



63, 52.522, 50.314



91, 14.828, 52.281



57, 68.941, 340.436



47, 10.317, 52.102



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, 52.522, 50.314



66, 72.556, 49.987



80, 59.840, 93.867



45, 3.853, 52.895



41, 70.833, 48.390



9, 20.789, 41.247

Inverse Universe

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



69, 34.492, 244.264



74, 43.221, 248.913



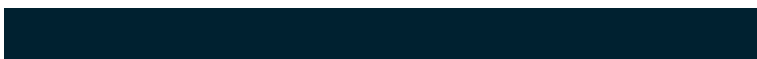
49, 67.589, 293.141



45, 3.670, 234.528



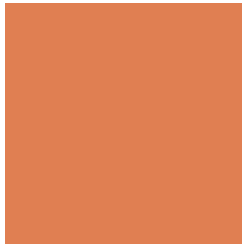
48, 38.045, 259.012



11, 14.474, 249.202

Previews

White Background



This preview shows how the CIELCh color 63, 52.524, 50.310 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, 52.524, 50.310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

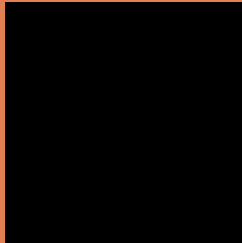
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 63, 52.524, 50.310

Background



This preview shows how black text looks on a background with the CIELCh color 63, 52.524, 50.310.

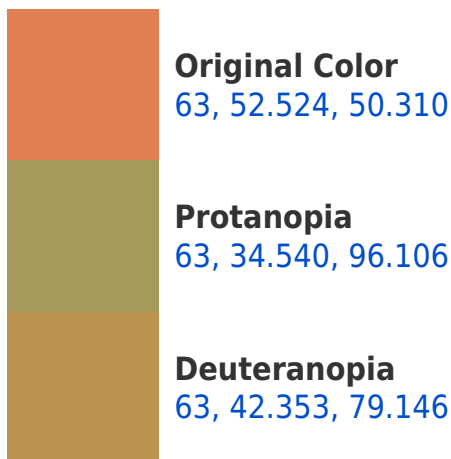


This preview shows how white text looks on a background with the CIELCh color 63, 52.524, 50.310.

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](#).

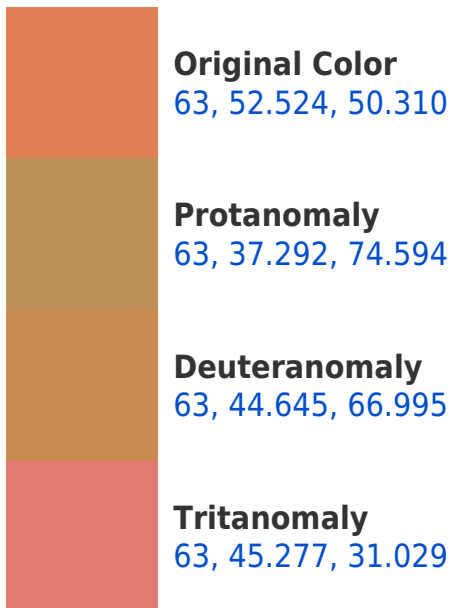
Dichromacy





Tritanopia
63, 44.074, 18.269

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 52.524, 50.310 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(224, 127, 82)` looks like.

```
.text, #text, p{  
    color:rgb(224, 127, 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(224, 127, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 127, 82) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 52.524, 50.310 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(224, 127, 82) }
```

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

```
.border{ border-color:rgb(224, 127, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 127, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 127, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 127, 82);  
box-shadow:4px 4px 4px 4px rgb(224, 127,  
82) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 52.524, 50.310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 127, 82) }
```

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

```
.background{ background-color: rgb(224,  
127, 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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