

Converting Colors

CIELCh(64, 46.584, 44.530)

Have a look what the booklet for
CIELCh(64, 46.584, 44.530) contains.

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Color

CIELCh(64, 46.358, 44.266)

Conversions

Conversions Part 1

Format	Color
Hex	E08263
RGB	224, 130, 99
RGB Percent	88%, 51%, 39%
CMY	0.1207, 0.4894, 0.6111
CMYK	0.00, 0.42, 0.56, 0.12
HSL	15°, 67%, 63%
HSV	15°, 56%, 88%
XYZ	41.0761, 32.8017, 16.0153
YIQ	154.5720, 65.9750, 10.2870

Conversions

Conversions Part 2

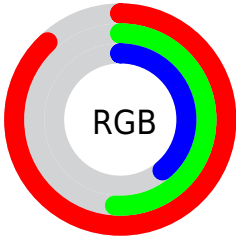
Format	Color
R _Y B	224, 140, 99
Decimal	14713443
CIE Lab	64.00, 33.20, 32.36
CIE LCh	64, 46.358, 44.266
Yxy	32.8017, 0.4569, 0.3649
Android (android.graphics.Color)	4292903523 (0xFFE08263)
YUV	154.5720, -27.3970, 60.8884
Hunter-Lab	57.2727, 27.7933, 23.5115

Details

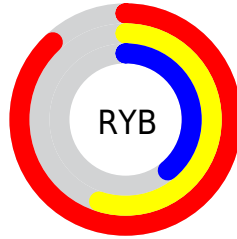
The CIELCh color **64, 46.358, 44.266** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **74, 30.694, 231.301**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 34.938, 51.764**, and **44, 46.384, 43.972** is the 20% darker color. If you saturate the color by 10%, you get **60, 56.661, 44.611**, and if you desaturate by 10%, it is **68, 36.581, 44.100**.

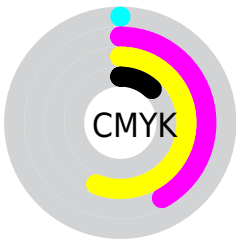
Distribution



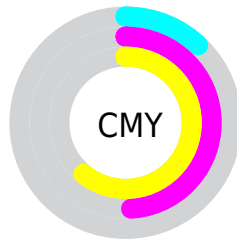
- Red (88%)
- Green (51%)
- Blue (39%)



- Red (88%)
- Yellow (55%)
- Blue (39%)



- Cyan (0%)
- Magenta (42%)
- Yellow (56%)
- Black (12%)



- Cyan (12%)
- Magenta (49%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 46.358, 44.266 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 64, 46.358, 44.266 by changing the saturation by 10% instead.

64, 46.358, 44.266

64, 46.358, 44.266

100, 46.358,
44.266

54, 46.358, 44.266

84, 46.358, 44.266

44, 46.358, 44.266

94, 46.358, 44.266

34, 46.358, 44.266

24, 46.358, 44.266

14, 46.358, 44.266

4, 46.358, 44.266

0, 46.358, 44.266

64, 46.358, 44.266

64, 46.358, 44.266

60, 56.661, 44.611

68, 36.581, 44.100

57, 67.203, 45.057

73, 27.446, 44.103

54, 77.308, 45.375

77, 18.976, 44.252

51, 85.563, 45.021

82, 11.148, 44.511

50, 88.501, 44.814

86, 3.917, 44.789

91, 2.773, 225.586

96, 8.764, 222.439

98, 10.429,
198.811

Harmonies

Complementary

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



64, 46.358, 44.266



74, 30.694, 231.301

Rectangle

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



64, 46.358, 44.266



64, 46.358, 94.266



64, 46.358, 224.266



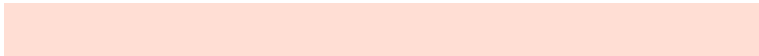
64, 46.358, 274.266

Sweetspot

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



64, 46.356, 44.270



91, 13.415, 44.471



61, 65.808, 335.712



47, 9.047, 44.414



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



64, 46.356, 44.270



67, 64.431, 44.684



78, 50.041, 88.933



45, 3.917, 44.701



40, 73.412, 45.277



8, 21.670, 35.552

Inverse Universe

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



74, 30.694, 231.301



80, 38.336, 234.112



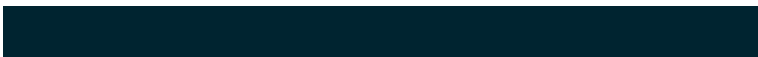
57, 52.514, 286.425



46, 3.704, 225.761



52, 34.529, 245.660



13, 13.715, 237.084

Previews

White Background



This preview shows how the CIELCh color 64, 46.358, 44.266 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 CIE LCh color 64, 46.358, 44.266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

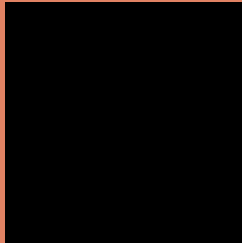
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 46.358, 44.266

Background



This preview shows how black text looks on a background with the CIELCh color 64, 46.358, 44.266.

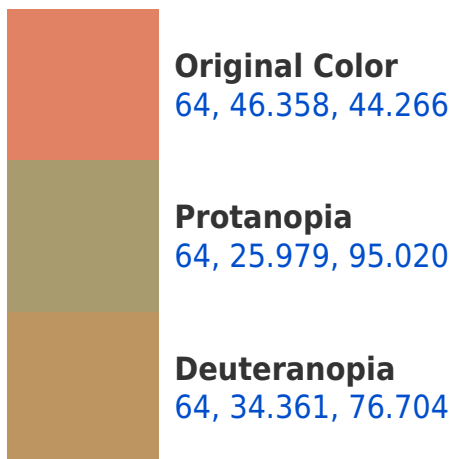


This preview shows how white text looks on a background with the CIELCh color 64, 46.358, 44.266.

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
64, 42.168, 16.920

Trichromacy



Original Color
64, 46.358, 44.266

Protanomaly
64, 29.683, 69.337

Deuteranomaly
64, 37.052, 62.209

Tritanomaly
64, 42.403, 27.573

Monochromacy



Original Color
64, 46.358, 44.266

Achromatopsia
64, 0.008, 296.813

Achromatomaly
63, 15.353, 43.885

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 46.358, 44.266 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, 130, 99)` looks like.

```
.text, #text, p{  
    color:rgb(224, 130, 99)  
}
```

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, 130, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 130, 99) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 46.358, 44.266 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, 130, 99) }
```

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

```
.border{ border-color:rgb(224, 130, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 130, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 130, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 130, 99);  
box-shadow:4px 4px 4px 4px rgb(224, 130,  
99) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 46.358, 44.266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 130, 99) }
```

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

```
.background{ background-color: rgb(224,  
130, 99) }
```

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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