

Converting Colors

CIELCh(64, 39.934, 46.932)

Have a look what the booklet for
CIELCh(64, 39.934, 46.932) contains.

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Color

CIELCh(64, 39.905, 46.446)

Conversions

Conversions Part 1

Format	Color
Hex	D78769
RGB	215, 135, 105
RGB Percent	84%, 53%, 41%
CMY	0.1568, 0.4705, 0.5882
CMYK	0.00, 0.37, 0.51, 0.16
HSL	16°, 58%, 63%
HSV	16°, 51%, 84%
XYZ	39.2455, 32.8017, 17.6311
YIQ	155.5000, 57.3100, 7.6300

Conversions

Conversions Part 2

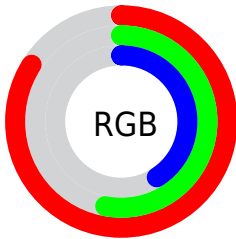
Format	Color
R _Y B	215, 146, 105
Decimal	14124905
CIE Lab	64.00, 27.50, 28.92
CIE LCh	64, 39.905, 46.446
Yxy	32.8017, 0.4376, 0.3658
Android (android.graphics.Color)	4292314985 (0xFFD78769)
YUV	155.5000, -24.8965, 52.1815
Hunter-Lab	57.2727, 22.0879, 21.8388

Details

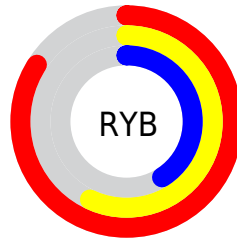
The CIELCh color **64, 39.905, 46.446** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **71, 27.940, 234.162**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 32.249, 52.192**, and **44, 40.124, 46.286** is the 20% darker color. If you saturate the color by 10%, you get **60, 49.511, 46.505**, and if you desaturate by 10%, it is **68, 30.862, 46.544**.

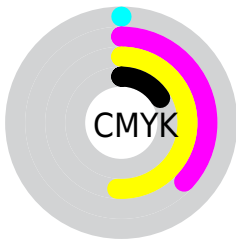
Distribution



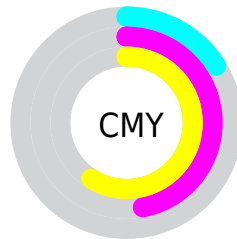
- Red (84%)
- Green (53%)
- Blue (41%)



- Red (84%)
- Yellow (57%)
- Blue (41%)



- Cyan (0%)
- Magenta (37%)
- Yellow (51%)
- Black (16%)



- Cyan (16%)
- Magenta (47%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 39.905, 46.446 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, 39.905, 46.446 by changing the saturation by 10% instead.

64, 39.905, 46.446

64, 39.905, 46.446

100, 39.905,
46.446

54, 39.905, 46.446

84, 39.905, 46.446

44, 39.905, 46.446

94, 39.905, 46.446

34, 39.905, 46.446

24, 39.905, 46.446

14, 39.905, 46.446

4, 39.905, 46.446

0, 39.905, 46.446

64, 39.905, 46.446

64, 39.905, 46.446

60, 49.511, 46.505

68, 30.862, 46.544

57, 59.507, 46.675

72, 22.443, 46.777

54, 69.456, 46.823

77, 14.641, 47.123

51, 78.394, 46.584

81, 7.423, 47.540

49, 84.635, 45.876

85, 0.739, 47.396

90, 5.466, 228.807

95, 11.128,
228.101

97, 13.407,
198.611

Harmonies

Complementary

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



64, 39.905, 46.446



71, 27.940, 234.162

Rectangle

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



64, 39.905, 46.446



64, 39.905, 96.446



64, 39.905, 226.446



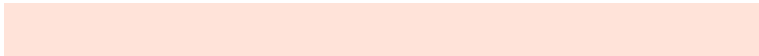
64, 39.905, 276.446

Sweetspot

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



64, 39.904, 46.450



92, 11.639, 47.370



60, 57.808, 336.776



48, 8.008, 47.280



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, 39.904, 46.450



71, 56.797, 46.511



77, 45.625, 92.005



43, 3.738, 47.612



39, 70.890, 46.367



7, 18.623, 35.646

Inverse Universe

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



71, 27.940, 234.162



80, 36.372, 236.590



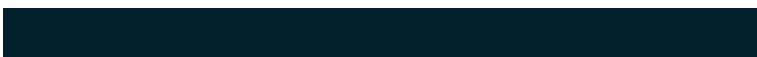
56, 48.361, 287.200



44, 3.544, 228.882



49, 34.780, 250.559



10, 12.941, 240.277

Previews

White Background



This preview shows how the CIELCh color 64, 39.905, 46.446 looks on a white background.

Color Contrast Check

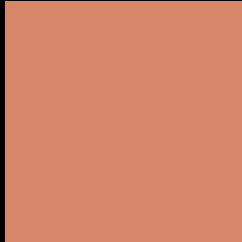
Large Text (above 18pt) WCAG AA × Fail

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 64, 39.905, 46.446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

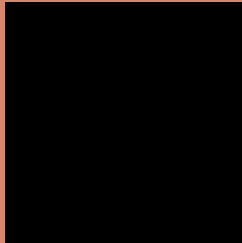
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 64, 39.905, 46.446

Background



This preview shows how black text looks on a background with the CIELCh color 64, 39.905, 46.446.



This preview shows how white text looks on a background with the CIELCh color 64, 39.905, 46.446.

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, 36.230, 14.852

Trichromacy



Original Color
64, 39.905, 46.446

Protanomaly
64, 26.063, 71.214

Deuteranomaly
64, 33.237, 62.989

Tritanomaly
64, 36.151, 27.439

Monochromacy



Original Color
64, 39.905, 46.446

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 13.400, 47.328

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 39.905, 46.446 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(215, 135, 105)` looks like.

```
.text, #text, p{  
    color:rgb(215, 135, 105)  
}
```

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(215, 135, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 135, 105) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 39.905, 46.446 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(215, 135, 105) }
```

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

```
.border{ border-color:rgb(215, 135, 105) }
```

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

Here you see how a box with a 4 pixel rgb(215, 135, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 135, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 135, 105);  
box-shadow:4px 4px 4px 4px rgb(215, 135,  
105) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 39.905, 46.446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 135, 105) }
```

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

```
.background{ background-color: rgb(215,  
135, 105) }
```

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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