

Converting Colors

CIELCh(64, 39.045, 39.776)

Have a look what the booklet for
CIELCh(64, 39.045, 39.776) contains.

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Color

CIELCh(64, 39.045, 39.776)

Conversions

Conversions Part 1

Format	Color
Hex	D98570
RGB	217, 133, 112
RGB Percent	85%, 52%, 44%
CMY	0.1480, 0.4775, 0.5599
CMYK	0.00, 0.39, 0.48, 0.15
HSL	12°, 58%, 65%
HSV	12°, 48%, 85%
XYZ	40.0453, 32.8017, 19.6126
YIQ	155.7220, 56.8050, 11.2770

Conversions

Conversions Part 2

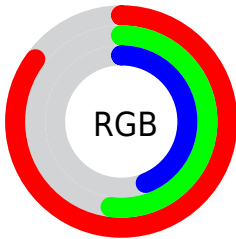
Format	Color
R _Y B	217, 138, 112
Decimal	14255472
CIE Lab	64.00, 30.01, 24.98
CIE LCh	64, 39.045, 39.776
Yxy	32.8017, 0.4331, 0.3548
Android (android.graphics.Color)	4292445552 (0xFFD98570)
YUV	155.7220, -21.5549, 53.7408
Hunter-Lab	57.2727, 24.5804, 19.7875

Details

The CIELCh color **64, 39.045, 39.776** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **75, 27.134, 222.714**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 30.354, 44.580**, and **44, 39.145, 39.567** is the 20% darker color. If you saturate the color by 10%, you get **60, 48.965, 40.393**, and if you desaturate by 10%, it is **68, 29.730, 39.397**.

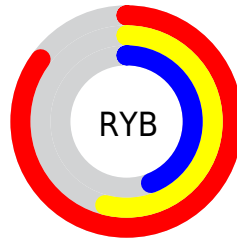
Distribution



Red (85%)

Green (52%)

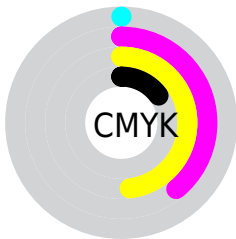
Blue (44%)



Red (85%)

Yellow (54%)

Blue (44%)

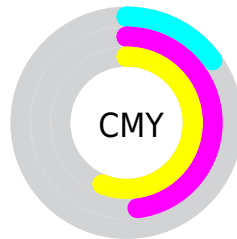


Cyan (0%)

Magenta (39%)

Yellow (48%)

Black (15%)



Cyan (15%)

Magenta (48%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 39.045, 39.776 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, 39.045, 39.776 by changing the saturation by 10% instead.

64, 39.045, 39.776

64, 39.045, 39.776

100, 39.045,
39.776

54, 39.045, 39.776

84, 39.045, 39.776

44, 39.045, 39.776

94, 39.045, 39.776

34, 39.045, 39.776

24, 39.045, 39.776

14, 39.045, 39.776

4, 39.045, 39.776

0, 39.045, 39.776

64, 39.045, 39.776

64, 39.045, 39.776

60, 48.965, 40.393

68, 29.730, 39.397

56, 59.338, 41.236

73, 21.078, 39.209

53, 69.802, 42.222

78, 13.084, 39.175

50, 79.537, 43.047

83, 5.712, 39.225

48, 87.093, 43.170

88, 1.089, 220.059

48, 88.239, 43.247

93, 7.376, 219.878

97, 12.648,
198.939

97, 12.690,
198.658

Harmonies

Complementary

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



64, 39.045, 39.776



75, 27.134, 222.714

Rectangle

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



64, 39.045, 39.776



64, 39.045, 89.776



64, 39.045, 219.776



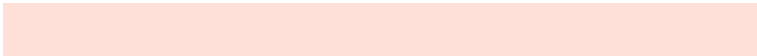
64, 39.045, 269.776

Sweetspot

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



64, 39.043, 39.780



92, 12.020, 39.187



62, 57.943, 333.748



48, 8.273, 39.178



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, 39.043, 39.780



70, 55.464, 40.406



77, 41.317, 87.412



43, 3.932, 39.220



38, 74.201, 43.619



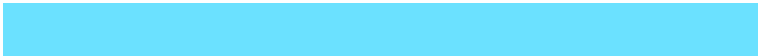
7, 20.932, 31.343

Inverse Universe

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



75, 27.134, 222.714



84, 35.044, 224.238



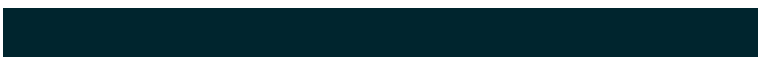
60, 41.990, 282.275



45, 3.707, 219.849



53, 32.891, 235.382



13, 13.096, 227.890

Previews

White Background



This preview shows how the CIELCh color 64, 39.045, 39.776 looks on a white background.

Color Contrast Check

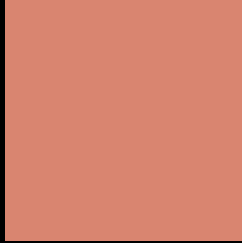
Large Text (above 18pt) WCAG AA × Fail

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, 39.045, 39.776 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, 39.045, 39.776

Background



This preview shows how black text looks on a background with the CIELCh color 64, 39.045, 39.776.



This preview shows how white text looks on a background with the CIELCh color 64, 39.045, 39.776.

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, 37.089, 15.178

Trichromacy



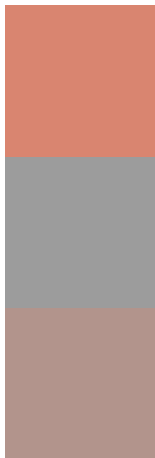
Original Color
64, 39.045, 39.776

Protanomaly
64, 23.154, 63.869

Deuteranomaly
64, 30.390, 57.414

Tritanomaly
64, 36.644, 24.982

Monochromacy



Original Color
64, 39.045, 39.776

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 13.016, 40.281

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 39.045, 39.776 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(217, 133, 112)` looks like.

```
.text, #text, p{  
    color:rgb(217, 133, 112)  
}
```

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(217, 133, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 133, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 39.045, 39.776 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(217, 133, 112) }
```

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

```
.border{ border-color:rgb(217, 133, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 133, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 133, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 133, 112);  
box-shadow:4px 4px 4px 4px rgb(217, 133,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 39.045, 39.776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 133, 112) }
```

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

```
.background{ background-color: rgb(217,  
133, 112) }
```

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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