

Converting Colors

CIELCh(60, 44.357, 39.299)

Have a look what the booklet for
CIELCh(60, 44.357, 39.299) contains.

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Color

CIELCh(60, 44.160, 39.384)

Conversions

Conversions Part 1

Format	Color
Hex	D47761
RGB	212, 119, 97
RGB Percent	83%, 47%, 38%
CMY	0.1679, 0.5327, 0.6190
CMYK	0.00, 0.44, 0.54, 0.17
HSL	11°, 57%, 61%
HSV	11°, 54%, 83%
XYZ	35.9864, 28.1233, 14.8786
YIQ	144.2990, 62.4900, 12.8740

Conversions

Conversions Part 2

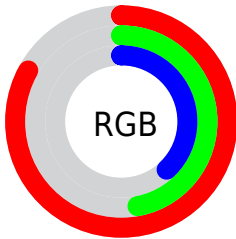
Format	Color
R _Y B	212, 124, 97
Decimal	13924193
CIE Lab	60.00, 34.13, 28.02
CIE LCh	60, 44.160, 39.384
Yxy	28.1233, 0.4556, 0.3560
Android (android.graphics.Color)	4292114273 (0xFFD47761)
YUV	144.2990, -23.3184, 59.3738
Hunter-Lab	53.0314, 28.3227, 20.4875

Details

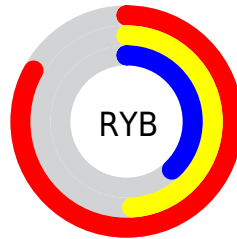
The CIELCh color **60, 44.160, 39.384** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **72, 29.017, 222.206**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 37.148, 41.794**, and **40, 44.189, 39.200** is the 20% darker color. If you saturate the color by 10%, you get **56, 54.216, 40.217**, and if you desaturate by 10%, it is **64, 34.619, 38.806**.

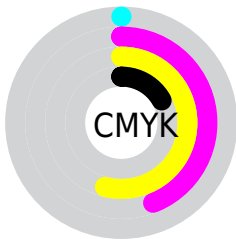
Distribution



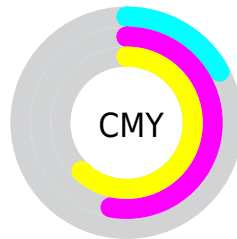
- Red (83%)
- Green (47%)
- Blue (38%)



- Red (83%)
- Yellow (49%)
- Blue (38%)



- Cyan (0%)
- Magenta (44%)
- Yellow (54%)
- Black (17%)



- Cyan (17%)
- Magenta (53%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 44.160, 39.384 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 60, 44.160, 39.384 by changing the saturation by 10% instead.

60, 44.160, 39.384

60, 44.160, 39.384

100, 44.160,
39.384

50, 44.160, 39.384

80, 44.160, 39.384

40, 44.160, 39.384

90, 44.160, 39.384

30, 44.160, 39.384

20, 44.160, 39.384

10, 44.160, 39.384

0, 44.160, 39.384

60, 44.160, 39.384

60, 44.160, 39.384

56, 54.216, 40.217

64, 34.619, 38.806

53, 64.540, 41.256

69, 25.706, 38.451

50, 74.559, 42.316

73, 17.446, 38.281

47, 83.022, 42.873

78, 9.823, 38.247

46, 86.954, 43.028

83, 2.794, 38.209

88, 3.694, 218.761

93, 9.698, 218.923

97, 14.308,
198.552

Harmonies

Complementary

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



60, 44.160, 39.384



72, 29.017, 222.206

Rectangle

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



60, 44.160, 39.384



60, 44.160, 89.384



60, 44.160, 219.384



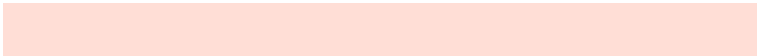
60, 44.160, 269.384

Sweetspot

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



60, 44.158, 39.388



91, 12.941, 38.246



58, 63.562, 333.501



47, 8.813, 38.249



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



60, 44.158, 39.388



66, 64.017, 40.359



73, 44.946, 85.259



42, 3.875, 38.255



37, 73.631, 43.380



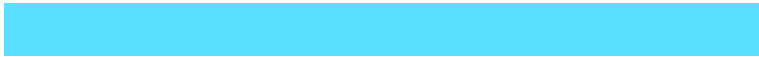
6, 19.512, 30.202

Inverse Universe

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



72, 29.017, 222.206



83, 37.639, 224.130



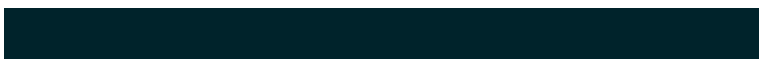
56, 45.437, 282.631



44, 3.653, 218.805



53, 32.411, 233.444



12, 12.652, 225.866

Previews

White Background



This preview shows how the CIELCh color 60, 44.160, 39.384 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 60, 44.160, 39.384 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 60, 44.160, 39.384

Background



This preview shows how black text looks on a background with the CIELCh color 60, 44.160, 39.384.

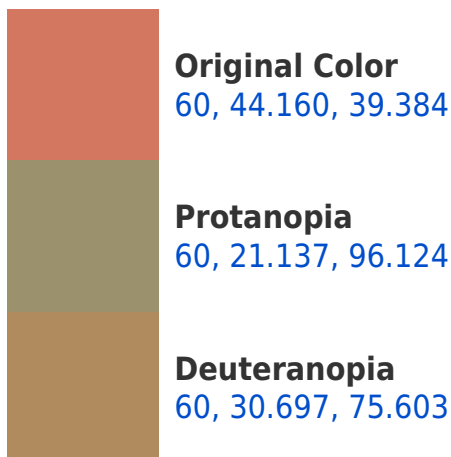


This preview shows how white text looks on a background with the CIELCh color 60, 44.160, 39.384.

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
60, 41.529, 17.694

Trichromacy



Original Color
60, 44.160, 39.384

Protanomaly
60, 25.504, 64.616

Deuteranomaly
60, 33.658, 58.449

Tritanomaly
60, 41.446, 26.409

Monochromacy



Original Color
60, 44.160, 39.384

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 14.904, 38.191

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 44.160, 39.384 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(212, 119, 97)` looks like.

```
.text, #text, p{  
    color:rgb(212, 119, 97)  
}
```

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(212, 119, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 119, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 44.160, 39.384 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(212, 119, 97) }
```

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

```
.border{ border-color:rgb(212, 119, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 119, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 119, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 119, 97);  
box-shadow:4px 4px 4px 4px rgb(212, 119,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 44.160, 39.384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 119, 97) }
```

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

```
.background{ background-color: rgb(212,  
119, 97) }
```

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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