

Converting Colors

CIELCh(60, 41.415, 38.539)

Have a look what the booklet for
CIELCh(60, 41.415, 38.539) contains.

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Color

CIELCh(60, 41.321, 38.695)

Conversions

Conversions Part 1

Format	Color
Hex	D17965
RGB	209, 121, 101
RGB Percent	82%, 47%, 40%
CMY	0.1809, 0.5259, 0.6043
CMYK	0.00, 0.42, 0.52, 0.18
HSL	11°, 54%, 61%
HSV	11°, 52%, 82%
XYZ	35.4278, 28.1233, 15.8467
YIQ	145.0320, 58.8680, 12.4360

Conversions

Conversions Part 2

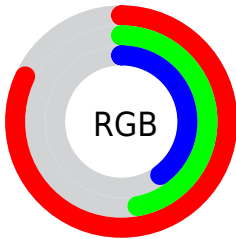
Format	Color
R _Y B	209, 126, 101
Decimal	13728101
CIE Lab	60.00, 32.25, 25.83
CIE LCh	60, 41.321, 38.695
Yxy	28.1233, 0.4462, 0.3542
Android (android.graphics.Color)	4291918181 (0xFFD17965)
YUV	145.0320, -21.7078, 56.0999
Hunter-Lab	53.0314, 26.4425, 19.4052

Details

The CIELCh color **60, 41.321, 38.695** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **72, 27.772, 220.935**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **78, 35.737, 40.743**, and **40, 41.285, 38.892** is the 20% darker color. If you saturate the color by 10%, you get **56, 51.163, 39.518**, and if you desaturate by 10%, it is **64, 32.021, 38.132**.

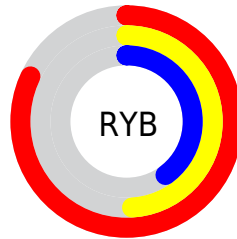
Distribution



Red (82%)

Green (47%)

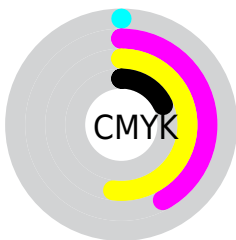
Blue (40%)



Red (82%)

Yellow (49%)

Blue (40%)

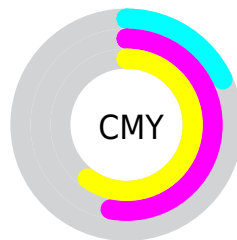


Cyan (0%)

Magenta (42%)

Yellow (52%)

Black (18%)



Cyan (18%)

Magenta (53%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 41.321, 38.695 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, 41.321, 38.695 by changing the saturation by 10% instead.

60, 41.321, 38.695

60, 41.321, 38.695

100, 41.321,
38.695

50, 41.321, 38.695

80, 41.321, 38.695

40, 41.321, 38.695

90, 41.321, 38.695

30, 41.321, 38.695

20, 41.321, 38.695

10, 41.321, 38.695

0, 41.321, 38.695

60, 41.321, 38.695

60, 41.321, 38.695

56, 51.163, 39.518

64, 32.021, 38.132

53, 61.348, 40.577

69, 23.353, 37.789

50, 71.417, 41.738

73, 15.329, 37.623

47, 80.346, 42.583

78, 7.927, 37.580

46, 86.116, 42.877

83, 1.101, 37.241

88, 5.201, 218.047

93, 11.036,
218.234

97, 15.352,
198.484

Harmonies

Complementary

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



60, 41.321, 38.695



72, 27.772, 220.935

Rectangle

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



60, 41.321, 38.695



60, 41.321, 88.695



60, 41.321, 218.695



60, 41.321, 268.695

Sweetspot

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



60, 41.319, 38.699



91, 12.990, 37.589



59, 60.244, 333.321



47, 8.846, 37.598



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, 41.319, 38.699



67, 60.664, 39.616



73, 42.304, 85.626



41, 3.813, 37.577



37, 72.967, 43.221



6, 17.922, 29.536

Inverse Universe

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



72, 27.772, 220.935



84, 36.679, 222.576



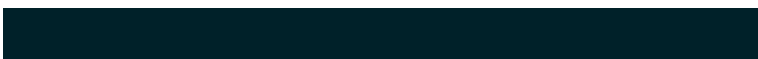
57, 42.659, 281.938



43, 3.594, 218.071



53, 31.987, 232.057



11, 12.214, 224.293

Previews

White Background



This preview shows how the CIELCh color 60, 41.321, 38.695 looks on a white background.

Color Contrast Check

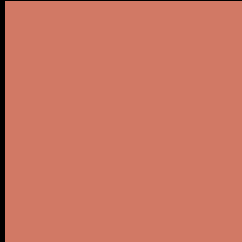
Large Text (above 18pt) WCAG AA ✓ Pass

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, 41.321, 38.695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

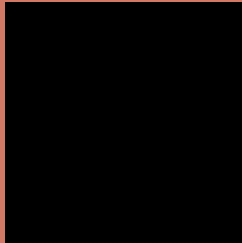
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 41.321, 38.695

Background



This preview shows how black text looks on a background with the CIELCh color 60, 41.321, 38.695.



This preview shows how white text looks on a background with the CIELCh color 60, 41.321, 38.695.

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



Original Color

60, 41.321, 38.695

Protanopia

60, 19.508, 95.404

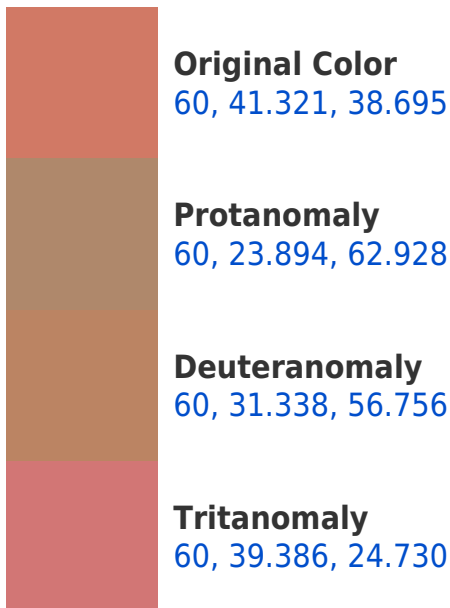
Deuteranopia

60, 28.033, 73.963

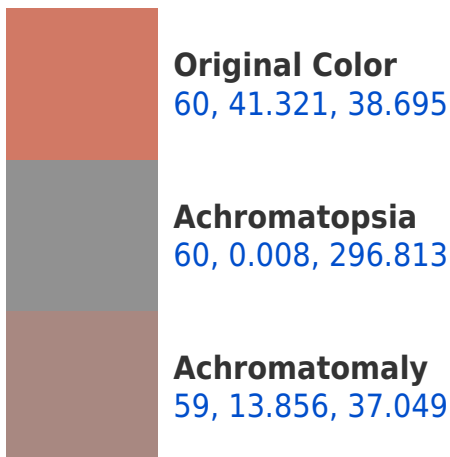


Tritanopia
60, 39.360, 16.979

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 41.321, 38.695 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(209, 121, 101)` looks like.

```
.text, #text, p{  
    color:rgb(209, 121, 101)  
}
```

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(209, 121, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 121, 101) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 41.321, 38.695 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(209, 121, 101) }
```

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

```
.border{ border-color:rgb(209, 121, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 121, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 121, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 121, 101);  
box-shadow:4px 4px 4px 4px rgb(209, 121,  
101) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 41.321, 38.695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 121, 101) }
```

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

```
.background{ background-color: rgb(209,  
121, 101) }
```

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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