

Converting Colors

CIELCh(60, 47.658, 36.610)

Have a look what the booklet for
CIELCh(60, 47.658, 36.610) contains.

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Color

CIELCh(60, 47.713, 36.160)

Conversions

Conversions Part 1

Format	Color
Hex	DA7361
RGB	218, 115, 97
RGB Percent	85%, 45%, 38%
CMY	0.1441, 0.5481, 0.6188
CMYK	0.00, 0.47, 0.55, 0.14
HSL	9°, 62%, 62%
HSV	9°, 55%, 86%
XYZ	37.3128, 28.1233, 14.8213
YIQ	143.7450, 67.1660, 16.2380

Conversions

Conversions Part 2

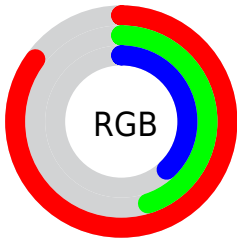
Format	Color
R_{YB}	218, 118, 97
Decimal	14316385
CIE Lab	60.00, 38.52, 28.15
CIE LCh	60, 47.713, 36.160
Yxy	28.1233, 0.4649, 0.3504
Android (android.graphics.Color)	4292506465 (0xFFDA7361)
YUV	143.7450, -23.0453, 65.1216
Hunter-Lab	53.0314, 32.7870, 20.5516

Details

The CIELCh color **60, 47.713, 36.160** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **75, 30.724, 216.044**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 37.748, 39.173**, and **40, 47.927, 36.382** is the 20% darker color. If you saturate the color by 10%, you get **56, 58.237, 37.434**, and if you desaturate by 10%, it is **64, 37.649, 35.205**.

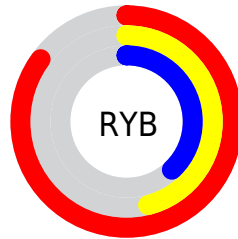
Distribution



Red (85%)

Green (45%)

Blue (38%)



Red (85%)

Yellow (46%)

Blue (38%)

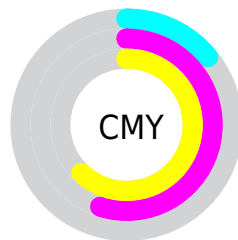


Cyan (0%)

Magenta (47%)

Yellow (55%)

Black (14%)



Cyan (14%)

Magenta (55%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 47.713, 36.160 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, 47.713, 36.160 by changing the saturation by 10% instead.

60, 47.713, 36.160

60, 47.713, 36.160

100, 47.713,
36.160

50, 47.713, 36.160

80, 47.713, 36.160

40, 47.713, 36.160

90, 47.713, 36.160

30, 47.713, 36.160

20, 47.713, 36.160

10, 47.713, 36.160

0, 47.713, 36.160

60, 47.713, 36.160

60, 47.713, 36.160

56, 58.237, 37.434

64, 37.649, 35.205

53, 68.915, 38.977

69, 28.200, 34.527

50, 79.075, 40.561

74, 19.419, 34.080

48, 87.256, 41.547

79, 11.308, 33.804

47, 90.235, 41.924

84, 3.832, 33.590

90, 3.060, 213.931

95, 9.426, 213.874

98, 12.367,
198.680

Harmonies

Complementary

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



60, 47.713, 36.160



75, 30.724, 216.044

Rectangle

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



60, 47.713, 36.160



60, 47.713, 86.160



60, 47.713, 216.160



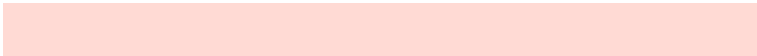
60, 47.713, 266.160

Sweetspot

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



60, 47.711, 36.164



90, 14.205, 33.841



60, 68.537, 331.677



47, 9.583, 33.890



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, 47.711, 36.164



64, 68.054, 37.743



74, 45.636, 80.849



43, 4.064, 33.686



37, 75.667, 42.219



7, 21.610, 28.210

Inverse Universe

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



75, 30.724, 216.044



85, 38.859, 217.567



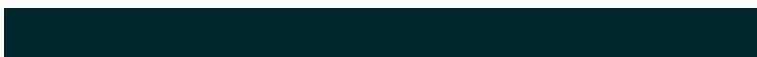
59, 44.366, 279.246



45, 3.825, 213.859



56, 32.653, 224.269



14, 13.233, 218.848

Previews

White Background



This preview shows how the CIELCh color 60, 47.713, 36.160 looks on a white background.

Color Contrast Check

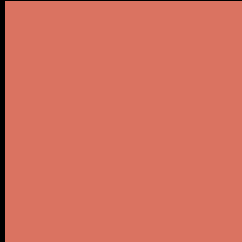
Large Text (above 18pt) WCAG AA ✓ Pass

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, 47.713, 36.160 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, 47.713, 36.160

Background



This preview shows how black text looks on a background with the CIELCh color 60, 47.713, 36.160.



This preview shows how white text looks on a background with the CIELCh color 60, 47.713, 36.160.

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, 47.713, 36.160

Protanopia

60, 20.051, 95.661

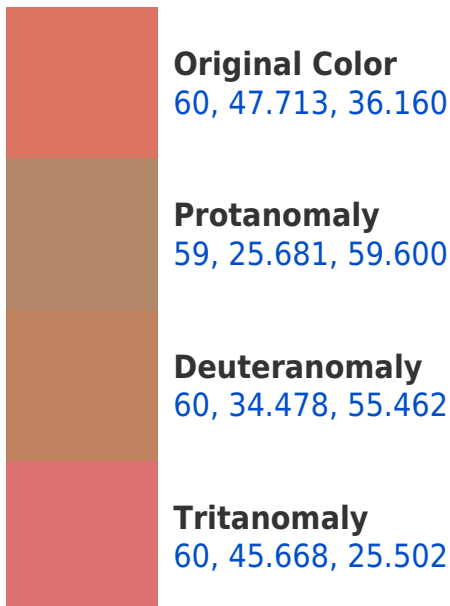
Deuteranopia

60, 30.697, 75.603

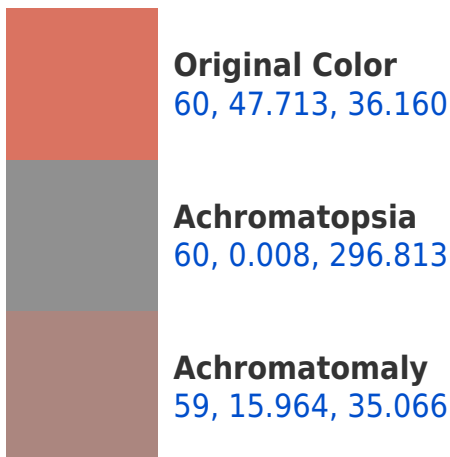


Tritanopia
60, 45.488, 19.569

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 47.713, 36.160 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(218, 115, 97)` looks like.

```
.text, #text, p{  
    color:rgb(218, 115, 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(218, 115, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 115, 97) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 47.713, 36.160 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(218, 115, 97) }
```

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

```
.border{ border-color:rgb(218, 115, 97) }
```

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

Here you see how a box with a 4 pixel rgb(218, 115, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 115, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 115, 97);  
box-shadow:4px 4px 4px 4px rgb(218, 115,  
97) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 47.713, 36.160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 115, 97) }
```

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

```
.background{ background-color: rgb(218,  
115, 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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