

Converting Colors

CIELCh(60, 47.653, 37.266)

Have a look what the booklet for
CIELCh(60, 47.653, 37.266) contains.

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Color

CIELCh(60, 47.719, 37.363)

Conversions

Conversions Part 1

Format	Color
Hex	DA7460
RGB	218, 116, 96
RGB Percent	85%, 45%, 38%
CMY	0.1464, 0.5462, 0.6245
CMYK	0.00, 0.47, 0.56, 0.15
HSL	10°, 62%, 61%
HSV	10°, 56%, 85%
XYZ	37.1312, 28.1233, 14.4756
YIQ	144.2180, 67.2120, 15.4040

Conversions

Conversions Part 2

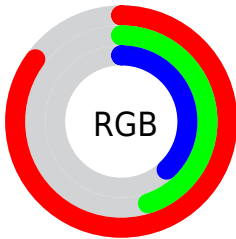
Format	Color
RYB	218, 120, 96
Decimal	14316640
CIELab	60.00, 37.93, 28.96
CIELCh	60, 47.719, 37.363
Yxy	28.1233, 0.4657, 0.3527
Android (android.graphics.Color)	4292506720 (0xFFDA7460)
YUV	144.2180, -23.7715, 64.7068
Hunter-Lab	53.0314, 32.1759, 20.9381

Details

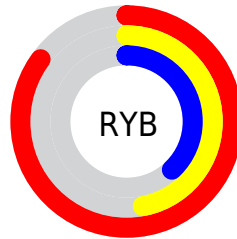
The CIELCh color **60, 47.719, 37.363** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **75, 30.617, 218.325**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 37.791, 40.734**, and **40, 47.965, 37.538** is the 20% darker color. If you saturate the color by 10%, you get **56, 58.181, 38.508**, and if you desaturate by 10%, it is **64, 37.724, 36.514**.

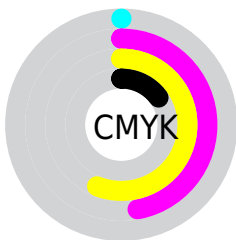
Distribution



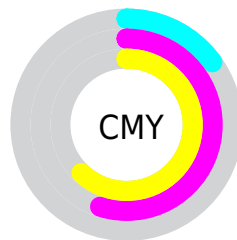
- Red (85%)
- Green (45%)
- Blue (38%)



- Red (85%)
- Yellow (47%)
- Blue (38%)



- Cyan (0%)
- Magenta (47%)
- Yellow (56%)
- Black (15%)



- Cyan (15%)
- Magenta (55%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 47.719, 37.363 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, 47.719, 37.363 by changing the saturation by 10% instead.

60, 47.719, 37.363

60, 47.719, 37.363

100, 47.719,
37.363

50, 47.719, 37.363

80, 47.719, 37.363

40, 47.719, 37.363

90, 47.719, 37.363

30, 47.719, 37.363

20, 47.719, 37.363

10, 47.719, 37.363

0, 47.719, 37.363

60, 47.719, 37.363

60, 47.719, 37.363

56, 58.181, 38.508

64, 37.724, 36.514

53, 68.801, 39.887

69, 28.346, 35.927

50, 78.882, 41.262

74, 19.636, 35.558

48, 86.938, 41.993

79, 11.591, 35.355

47, 89.598, 42.272

84, 4.177, 35.219

89, 2.659, 215.636

94, 8.974, 215.613

97, 12.552,
198.667

Harmonies

Complementary

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



60, 47.719, 37.363



75, 30.617, 218.325

Rectangle

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



60, 47.719, 37.363



60, 47.719, 87.363



60, 47.719, 217.363



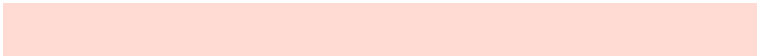
60, 47.719, 267.363

Sweetspot

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



60, 47.717, 37.367



90, 14.055, 35.372



59, 68.193, 332.334



47, 9.481, 35.405



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, 47.717, 37.367



65, 67.460, 38.713



74, 46.446, 82.205



43, 4.021, 35.274



37, 75.269, 42.591



7, 21.406, 29.108

Inverse Universe

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



75, 30.617, 218.325



84, 38.592, 219.998



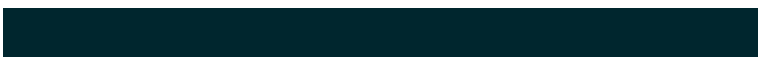
58, 45.811, 280.710



45, 3.787, 215.579



55, 32.606, 227.515



13, 13.162, 221.463

Previews

White Background



This preview shows how the CIELCh color 60, 47.719, 37.363 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, 47.719, 37.363 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, 47.719, 37.363

Background



This preview shows how black text looks on a background with the CIELCh color 60, 47.719, 37.363.



This preview shows how white text looks on a background with the CIELCh color 60, 47.719, 37.363.

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, 45.075, 19.464

Trichromacy



Original Color
60, 47.719, 37.363

Protanomaly
59, 26.088, 60.415

Deuteranomaly
60, 35.217, 57.723

Tritanomaly
60, 45.823, 26.168

Monochromacy



Original Color
60, 47.719, 37.363

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 16.161, 36.928

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 47.719, 37.363 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, 116, 96)` looks like.

```
.text, #text, p{  
    color:rgb(218, 116, 96)  
}
```

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, 116, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 116, 96) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 47.719, 37.363 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, 116, 96) }
```

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

```
.border{ border-color:rgb(218, 116, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 116, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 116, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 116, 96);  
box-shadow:4px 4px 4px 4px rgb(218, 116,  
96) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 47.719, 37.363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 116, 96) }
```

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

```
.background{ background-color: rgb(218,  
116, 96) }
```

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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