

Converting Colors

CIELCh(60, 48.484, 37.125)

Have a look what the booklet for
CIELCh(60, 48.484, 37.125) contains.

CIELCh(60, 48.660, 37.230)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(60, 48.660, 37.230)

Conversions

Conversions Part 1

Format	Color
Hex	DB735F
RGB	219, 115, 95
RGB Percent	86%, 45%, 37%
CMY	0.1414, 0.5492, 0.6277
CMYK	0.00, 0.47, 0.57, 0.14
HSL	10°, 63%, 62%
HSV	10°, 57%, 86%
XYZ	37.3805, 28.1233, 14.2718
YIQ	143.8160, 68.4040, 15.8280

Conversions

Conversions Part 2

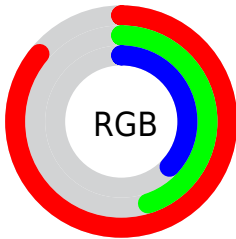
Format	Color
RYB	219, 119, 95
Decimal	14381919
CIELab	60.00, 38.74, 29.44
CIELCh	60, 48.660, 37.230
Yxy	28.1233, 0.4686, 0.3525
Android (android.graphics.Color)	4292571999 (0xFFDB735F)
YUV	143.8160, -24.0663, 65.9364
Hunter-Lab	53.0314, 33.0152, 21.1659

Details

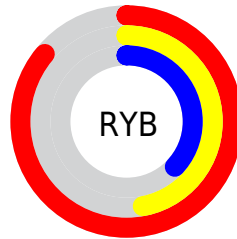
The CIELCh color **60, 48.660, 37.230** is a dark color, and the websafe version is hex **CC6666**. The color can be described as middle muted orange. A complement of this color would be **75, 31.018, 218.016**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **77, 38.245, 40.563**, and **40, 48.523, 37.551** is the 20% darker color. If you saturate the color by 10%, you get **56, 59.203, 38.418**, and if you desaturate by 10%, it is **64, 38.569, 36.341**.

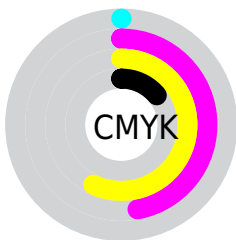
Distribution



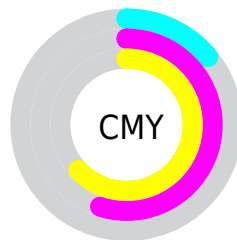
- Red (86%)
- Green (45%)
- Blue (37%)



- Red (86%)
- Yellow (47%)
- Blue (37%)



- Cyan (0%)
- Magenta (47%)
- Yellow (57%)
- Black (14%)



- Cyan (14%)
- Magenta (55%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 48.660, 37.230 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, 48.660, 37.230 by changing the saturation by 10% instead.

60, 48.660, 37.230

60, 48.660, 37.230

100, 48.660,
37.230

50, 48.660, 37.230

80, 48.660, 37.230

40, 48.660, 37.230

90, 48.660, 37.230

30, 48.660, 37.230

20, 48.660, 37.230

10, 48.660, 37.230

0, 48.660, 37.230

60, 48.660, 37.230

60, 48.660, 37.230

56, 59.203, 38.418

64, 38.569, 36.341

53, 69.870, 39.838

69, 29.092, 35.720

50, 79.923, 41.230

74, 20.284, 35.324

48, 87.826, 41.941

79, 12.146, 35.098

47, 90.075, 42.203

84, 4.646, 34.953

89, 2.268, 215.379

94, 8.654, 215.304

98, 12.148,
198.694

Harmonies

Complementary

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



60, 48.660, 37.230



75, 31.018, 218.016

Rectangle

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



60, 48.660, 37.230



60, 48.660, 87.230



60, 48.660, 217.230



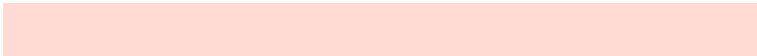
60, 48.660, 267.230

Sweetspot

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



60, 48.658, 37.234



90, 14.080, 35.106



59, 69.128, 332.375



47, 9.498, 35.143



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, 48.658, 37.234



64, 68.772, 38.681



74, 47.182, 82.111



43, 4.029, 34.999



37, 75.339, 42.524



7, 21.440, 28.953

Inverse Universe

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



75, 31.018, 218.016



84, 38.928, 219.745



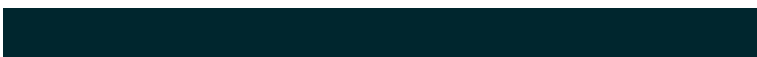
58, 46.556, 280.894



45, 3.793, 215.281



55, 32.608, 226.954



13, 13.173, 221.011

Previews

White Background



This preview shows how the CIELCh color 60, 48.660, 37.230 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 CIE LCh color 60, 48.660, 37.230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

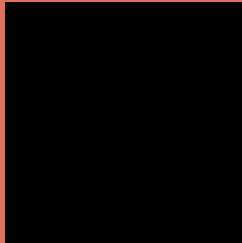
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 48.660, 37.230

Background



This preview shows how black text looks on a background with the CIELCh color 60, 48.660, 37.230.



This preview shows how white text looks on a background with the CIELCh color 60, 48.660, 37.230.

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, 45.994, 20.355

Trichromacy



Original Color
60, 48.660, 37.230

Protanomaly
60, 26.845, 60.594

Deuteranomaly
60, 35.651, 57.287

Tritanomaly
60, 46.410, 26.858

Monochromacy



Original Color
60, 48.660, 37.230

Achromatopsia
60, 0.008, 296.813

Achromatomaly
59, 16.407, 34.740

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 48.660, 37.230 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(219, 115, 95)` looks like.

```
.text, #text, p{  
    color:rgb(219, 115, 95)  
}
```

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(219, 115, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 115, 95) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 48.660, 37.230 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(219, 115, 95) }
```

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

```
.border{ border-color:rgb(219, 115, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 115, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 115, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 115, 95);  
box-shadow:4px 4px 4px 4px rgb(219, 115,  
95) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 48.660, 37.230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 115, 95) }
```

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

```
.background{ background-color: rgb(219,  
115, 95) }
```

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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