

Converting Colors

CIELCh(60, 41.107, 47.046)

Have a look what the booklet for
CIELCh(60, 41.107, 47.046) contains.

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Color

CIELCh(60, 41.031, 47.047)

Conversions

Conversions Part 1

Format	Color
Hex	CC7C5D
RGB	204, 124, 93
RGB Percent	80%, 49%, 36%
CMY	0.1992, 0.5130, 0.6346
CMYK	0.00, 0.39, 0.54, 0.20
HSL	17°, 52%, 58%
HSV	17°, 54%, 80%
XYZ	34.1752, 28.1233, 14.0242
YIQ	144.3860, 57.6310, 7.3190

Conversions

Conversions Part 2

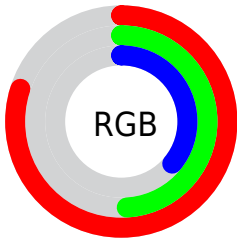
Format	Color
RYB	204, 136, 93
Decimal	13401181
CIELab	60.00, 27.96, 30.03
CIElCh	60, 41.031, 47.047
Yxy	28.1233, 0.4478, 0.3685
Android (android.graphics.Color)	4291591261 (0xFFCC7C5D)
YUV	144.3860, -25.3333, 52.2815
Hunter-Lab	53.0314, 22.2262, 21.4427

Details

The CIELCh color **60, 41.031, 47.047** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **67, 28.126, 235.828**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 37.558, 48.952**, and **40, 41.063, 47.171** is the 20% darker color. If you saturate the color by 10%, you get **56, 50.347, 47.091**, and if you desaturate by 10%, it is **64, 32.214, 47.148**.

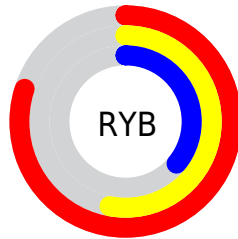
Distribution



Red (80%)

Green (49%)

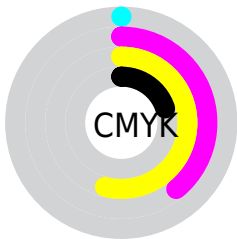
Blue (36%)



Red (80%)

Yellow (53%)

Blue (36%)

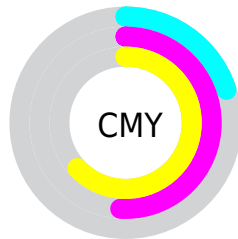


Cyan (0%)

Magenta (39%)

Yellow (54%)

Black (20%)



Cyan (20%)

Magenta (51%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 41.031, 47.047 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, 41.031, 47.047 by changing the saturation by 10% instead.

60, 41.031, 47.047

60, 41.031, 47.047

100, 41.031,
47.047

50, 41.031, 47.047

80, 41.031, 47.047

40, 41.031, 47.047

90, 41.031, 47.047

30, 41.031, 47.047

20, 41.031, 47.047

10, 41.031, 47.047

0, 41.031, 47.047

60, 41.031, 47.047

60, 41.031, 47.047

56, 50.347, 47.091

64, 32.214, 47.148

53, 59.943, 47.211

68, 23.982, 47.382

50, 69.286, 47.223

72, 16.341, 47.733

48, 77.258, 46.678

76, 9.265, 48.167

47, 81.055, 46.259

80, 2.711, 48.562

85, 3.373, 229.495

89, 9.038, 230.016

93, 13.989,
227.678

97, 16.806,
198.390

Harmonies

Complementary

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



60, 41.031, 47.047



67, 28.126, 235.828

Rectangle

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



60, 41.031, 47.047



60, 41.031, 97.047



60, 41.031, 227.047



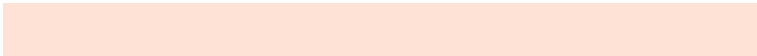
60, 41.031, 277.047

Sweetspot

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



60, 41.030, 47.051



92, 12.441, 48.083



56, 58.468, 337.045



48, 8.468, 47.990



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, 41.030, 47.051



69, 61.177, 47.106



73, 46.415, 91.607



41, 3.584, 48.392



38, 69.027, 46.732



6, 15.413, 35.785

Inverse Universe

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



67, 28.126, 235.828



79, 38.049, 238.783



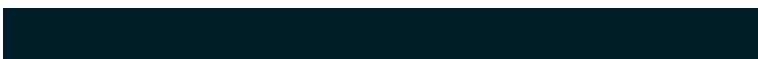
52, 49.526, 287.968



41, 3.401, 229.711



47, 34.282, 251.721



9, 11.936, 240.369

Previews

White Background



This preview shows how the CIELCh color 60, 41.031, 47.047 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, 41.031, 47.047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

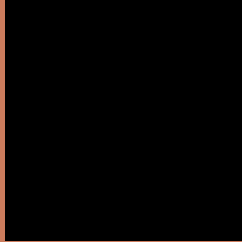
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 41.031, 47.047

Background



This preview shows how black text looks on a background with the CIELCh color 60, 41.031, 47.047.



This preview shows how white text looks on a background with the CIELCh color 60, 41.031, 47.047.

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, 36.359, 16.777

Trichromacy



Original Color
60, 41.031, 47.047

Protanomaly
60, 27.251, 70.782

Deuteranomaly
60, 34.311, 64.324

Tritanomaly
60, 36.621, 29.357

Monochromacy



Original Color
60, 41.031, 47.047

Achromatopsia
60, 0.008, 296.813

Achromatomaly
60, 14.017, 46.513

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 41.031, 47.047 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(204, 124, 93)` looks like.

```
.text, #text, p{  
    color:rgb(204, 124, 93)  
}
```

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(204, 124, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 124, 93) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 41.031, 47.047 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(204, 124, 93) }
```

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

```
.border{ border-color:rgb(204, 124, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 124, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 124, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 124, 93);  
box-shadow:4px 4px 4px 4px rgb(204, 124,  
93) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 41.031, 47.047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 124, 93) }
```

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

```
.background{ background-color: rgb(204,  
124, 93) }
```

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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