

Converting Colors

CIELCh(64, 38.807, 37.370)

Have a look what the booklet for
CIELCh(64, 38.807, 37.370) contains.

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Color

CIELCh(64, 38.695, 37.524)

Conversions

Conversions Part 1

Format	Color
Hex	DA8573
RGB	218, 133, 115
RGB Percent	85%, 52%, 45%
CMY	0.1462, 0.4794, 0.5499
CMYK	0.00, 0.39, 0.47, 0.15
HSL	10°, 58%, 65%
HSV	10°, 47%, 85%
XYZ	40.2639, 32.8017, 20.3572
YIQ	156.3630, 56.4380, 12.4220

Conversions

Conversions Part 2

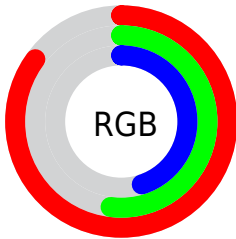
Format	Color
R _Y B	218, 137, 115
Decimal	14321011
CIE Lab	64.00, 30.69, 23.57
CIE LCh	64, 38.695, 37.524
Yxy	32.8017, 0.4310, 0.3511
Android (android.graphics.Color)	4292511091 (0xFFDA8573)
YUV	156.3630, -20.3920, 54.0556
Hunter-Lab	57.2727, 25.2617, 19.0167

Details

The CIELCh color **64, 38.695, 37.524** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **76, 27.001, 218.929**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **82, 29.572, 42.001**, and **44, 38.723, 37.255** is the 20% darker color. If you saturate the color by 10%, you get **60, 48.703, 38.326**, and if you desaturate by 10%, it is **69, 29.293, 36.987**.

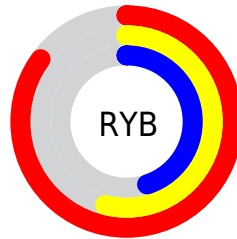
Distribution



Red (85%)

Green (52%)

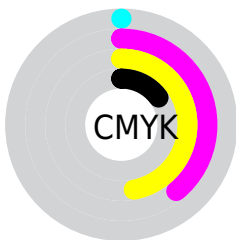
Blue (45%)



Red (85%)

Yellow (54%)

Blue (45%)

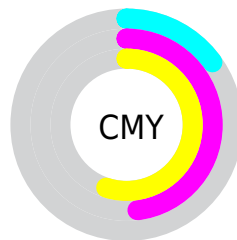


Cyan (0%)

Magenta (39%)

Yellow (47%)

Black (15%)



Cyan (15%)

Magenta (48%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 64, 38.695, 37.524 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 64, 38.695, 37.524 by changing the saturation by 10% instead.

64, 38.695, 37.524

64, 38.695, 37.524

100, 38.695,
37.524

54, 38.695, 37.524

84, 38.695, 37.524

44, 38.695, 37.524

94, 38.695, 37.524

34, 38.695, 37.524

24, 38.695, 37.524

14, 38.695, 37.524

4, 38.695, 37.524

0, 38.695, 37.524

64, 38.695, 37.524

64, 38.695, 37.524

60, 48.703, 38.326

69, 29.293, 36.987

56, 59.169, 39.395

73, 20.558, 36.660

53, 69.746, 40.667

78, 12.489, 36.499

50, 79.672, 41.862

83, 5.051, 36.422

48, 87.423, 42.357

88, 1.807, 216.955

47, 89.261, 42.543

94, 8.143, 216.873

97, 12.540,
198.668

Harmonies

Complementary

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



64, 38.695, 37.524



76, 27.001, 218.929

Rectangle

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



64, 38.695, 37.524



64, 38.695, 87.524



64, 38.695, 217.524



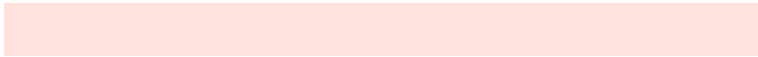
64, 38.695, 267.524

Sweetspot

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



64, 38.693, 37.528



92, 11.346, 36.472



63, 58.184, 332.390



48, 7.905, 36.490



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64, 38.693, 37.528



69, 55.132, 38.347



76, 39.500, 84.870



43, 3.992, 36.441



38, 74.963, 42.879



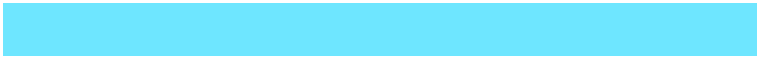
7, 21.261, 29.769

Inverse Universe

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



76, 27.001, 218.929



85, 34.933, 220.161



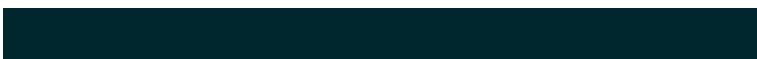
62, 39.284, 279.610



45, 3.761, 216.843



55, 32.632, 229.876



13, 13.127, 223.377

Previews

White Background



This preview shows how the CIELCh color 64, 38.695, 37.524 looks on a white background.

Color Contrast Check

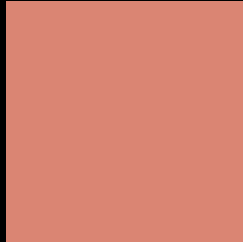
Large Text (above 18pt) WCAG AA × Fail

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 64, 38.695, 37.524 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 ✓ Pass

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

CIELCh 64, 38.695, 37.524

Background



This preview shows how black text looks on a background with the CIELCh color 64, 38.695, 37.524.

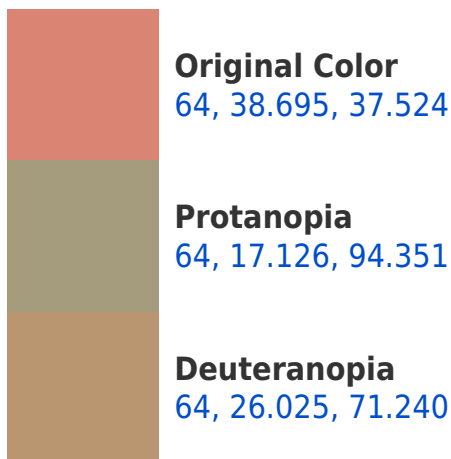


This preview shows how white text looks on a background with the CIELCh color 64, 38.695, 37.524.

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
64, 37.496, 15.322

Trichromacy



Original Color
64, 38.695, 37.524

Protanomaly
64, 21.590, 61.892

Deuteranomaly
64, 29.250, 55.202

Tritanomaly
64, 37.307, 23.425

Monochromacy



Original Color
64, 38.695, 37.524

Achromatopsia
64, 0.008, 296.813

Achromatomaly
64, 12.802, 38.027

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 64, 38.695, 37.524 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, 133, 115)` looks like.

```
.text, #text, p{  
    color:rgb(218, 133, 115)  
}
```

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, 133, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 133, 115) }
```

Border

The CSS property to change the border of an element to CIELCh 64, 38.695, 37.524 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, 133, 115) }
```

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

```
.border{ border-color:rgb(218, 133, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 133, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 133, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 133, 115);  
box-shadow:4px 4px 4px 4px rgb(218, 133,  
115) }
```

Background

The CSS property to change the background color of an element to CIELCh 64, 38.695, 37.524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 133, 115) }
```

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

```
.background{ background-color: rgb(218,  
133, 115) }
```

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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