

Converting Colors

CIELCh(63, 40.713, 36.233)

Have a look what the booklet for
CIELCh(63, 40.713, 36.233) contains.

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Color

CIELCh(63, 40.673, 35.643)

Conversions

Conversions Part 1

Format	Color
Hex	DA8070
RGB	218, 128, 112
RGB Percent	85%, 50%, 44%
CMY	0.1444, 0.4974, 0.5602
CMYK	0.00, 0.41, 0.49, 0.14
HSL	9°, 59%, 65%
HSV	9°, 49%, 86%
XYZ	39.6412, 31.5869, 19.3816
YIQ	153.0860, 58.7760, 14.1040

Conversions

Conversions Part 2

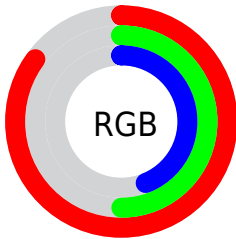
Format	Color
R _Y B	218, 131, 112
Decimal	14319728
CIE Lab	63.00, 33.05, 23.70
CIE LCh	63, 40.673, 35.643
Yxy	31.5869, 0.4375, 0.3486
Android (android.graphics.Color)	4292509808 (0xFFDA8070)
YUV	153.0860, -20.2554, 56.9296
Hunter-Lab	56.2022, 27.5477, 18.8951

Details

The CIELCh color **63, 40.673, 35.643** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **77, 27.957, 215.700**, and the grayscale version is **63, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 31.244, 39.118**, and **43, 40.904, 35.579** is the 20% darker color. If you saturate the color by 10%, you get **59, 50.887, 36.684**, and if you desaturate by 10%, it is **68, 31.035, 34.902**.

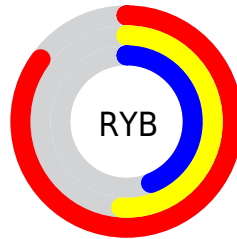
Distribution



Red (85%)

Green (50%)

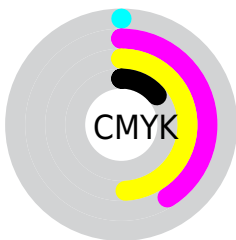
Blue (44%)



Red (85%)

Yellow (51%)

Blue (44%)

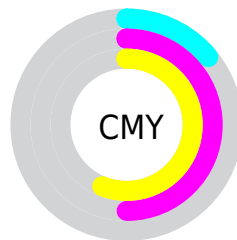


Cyan (0%)

Magenta (41%)

Yellow (49%)

Black (14%)



Cyan (14%)

Magenta (50%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 63, 40.673, 35.643 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 63, 40.673, 35.643 by changing the saturation by 10% instead.

63, 40.673, 35.643

63, 40.673, 35.643

100, 40.673,
35.643

53, 40.673, 35.643

83, 40.673, 35.643

43, 40.673, 35.643

93, 40.673, 35.643

33, 40.673, 35.643

23, 40.673, 35.643

13, 40.673, 35.643

3, 40.673, 35.643

0, 40.673, 35.643

63, 40.673, 35.643

63, 40.673, 35.643

59, 50.887, 36.684

68, 31.035, 34.902

55, 61.496, 38.028

72, 22.058, 34.402

52, 72.105, 39.597

77, 13.754, 34.090

49, 81.853, 41.058

83, 6.098, 33.895

47, 89.215, 41.814

88, 0.958, 214.580

47, 90.149, 41.971

93, 7.470, 214.104

98, 12.390,
198.678

Harmonies

Complementary

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



63, 40.673, 35.643



77, 27.957, 215.700

Rectangle

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



63, 40.673, 35.643



63, 40.673, 85.643



63, 40.673, 215.643



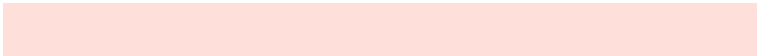
63, 40.673, 265.643

Sweetspot

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



63, 40.671, 35.647



91, 12.409, 34.015



62, 60.411, 331.859



47, 8.542, 34.060



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



63, 40.671, 35.647



68, 57.144, 36.674



76, 40.231, 83.284



43, 4.058, 33.911



37, 75.612, 42.270



7, 21.581, 28.337

Inverse Universe

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



77, 27.957, 215.700



86, 35.729, 216.698



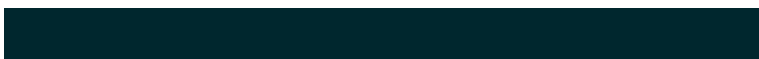
62, 39.577, 278.672



45, 3.820, 214.102



56, 32.641, 224.729



14, 13.221, 219.219

Previews

White Background



This preview shows how the CIELCh color 63, 40.673, 35.643 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 63, 40.673, 35.643 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 63, 40.673, 35.643

Background



This preview shows how black text looks on a background with the CIELCh color 63, 40.673, 35.643.

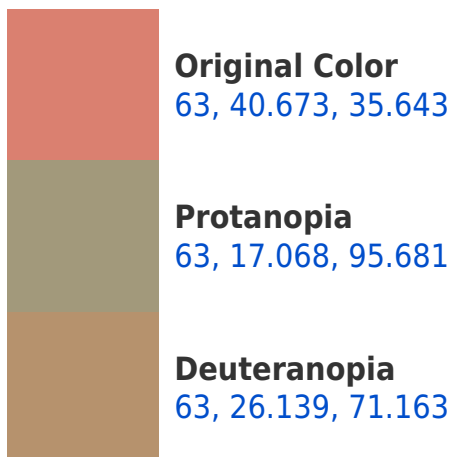


This preview shows how white text looks on a background with the CIELCh color 63, 40.673, 35.643.

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
63, 39.360, 16.812

Trichromacy



Original Color
63, 40.673, 35.643

Protanomaly
63, 21.622, 60.126

Deuteranomaly
63, 29.770, 54.701

Tritanomaly
63, 39.218, 23.730

Monochromacy



Original Color
63, 40.673, 35.643

Achromatopsia
63, 0.008, 296.813

Achromatomaly
63, 13.901, 34.451

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 63, 40.673, 35.643 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, 128, 112)` looks like.

```
.text, #text, p{  
    color:rgb(218, 128, 112)  
}
```

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, 128, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 128, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 63, 40.673, 35.643 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, 128, 112) }
```

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

```
.border{ border-color:rgb(218, 128, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 128, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 128, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 128, 112);  
box-shadow:4px 4px 4px 4px rgb(218, 128,  
112) }
```

Background

The CSS property to change the background color of an element to CIELCh 63, 40.673, 35.643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 128, 112) }
```

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

```
.background{ background-color: rgb(218,  
128, 112) }
```

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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