

Converting Colors

CIELCh(60, 33.682, 41.850)

Have a look what the booklet for
CIELCh(60, 33.682, 41.850) contains.

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Color

CIELCh(60, 33.954, 42.247)

Conversions

Conversions Part 1

Format	Color
Hex	C67F6A
RGB	198, 127, 106
RGB Percent	78%, 50%, 42%
CMY	0.2246, 0.5029, 0.5852
CMYK	0.00, 0.36, 0.47, 0.22
HSL	14°, 45%, 60%
HSV	14°, 47%, 78%
XYZ	33.3673, 28.1233, 17.2436
YIQ	145.8350, 49.0570, 8.5210

Conversions

Conversions Part 2

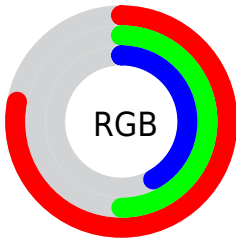
Format	Color
RYB	198, 133, 106
Decimal	13008746
CIELab	60.00, 25.13, 22.83
CIELCh	60, 33.954, 42.247
Yxy	28.1233, 0.4238, 0.3572
Android (android.graphics.Color)	4291198826 (0xFFC67F6A)
YUV	145.8350, -19.6387, 45.7487
Hunter-Lab	53.0314, 19.5070, 17.8434

Details

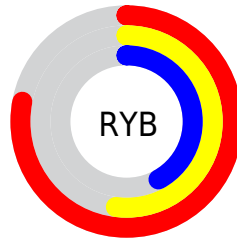
The CIELCh color **60, 33.954, 42.247** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **68, 24.263, 226.586**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 33.348, 42.758**, and **40, 34.008, 42.671** is the 20% darker color. If you saturate the color by 10%, you get **56, 42.893, 42.583**, and if you desaturate by 10%, it is **64, 25.589, 42.111**.

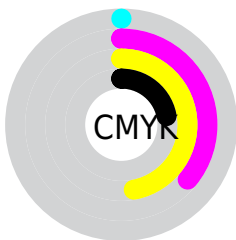
Distribution



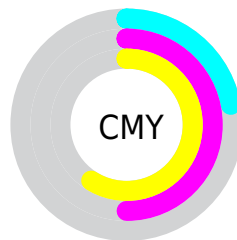
- Red (78%)
- Green (50%)
- Blue (42%)



- Red (78%)
- Yellow (52%)
- Blue (42%)



- Cyan (0%)
- Magenta (36%)
- Yellow (47%)
- Black (22%)



- Cyan (22%)
- Magenta (50%)
- Yellow (59%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 60, 33.954, 42.247 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, 33.954, 42.247 by changing the saturation by 10% instead.

 60, 33.954, 42.247

 60, 33.954, 42.247

 100, 33.954,
42.247

 50, 33.954, 42.247

 80, 33.954, 42.247

 40, 33.954, 42.247

 90, 33.954, 42.247

 30, 33.954, 42.247

 20, 33.954, 42.247

 10, 33.954, 42.247

 0, 33.954, 42.247

 60, 33.954, 42.247

 60, 33.954, 42.247

 56, 42.893, 42.583

 64, 25.589, 42.111

 53, 52.303, 43.107

 68, 17.829, 42.132

50, 61.913, 43.761

72, 10.657, 42.277

47, 71.110, 44.313

77, 4.035, 42.463

45, 78.656, 44.247

81, 2.088, 223.193

44, 81.061, 44.314

86, 7.762, 223.407

90, 13.040,
223.818

95, 16.959,
209.233

96, 18.790,
198.264

Harmonies

Complementary

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



60, 33.954, 42.247



68, 24.263, 226.586

Rectangle

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



60, 33.954, 42.247



60, 33.954, 92.247



60, 33.954, 222.247



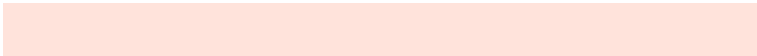
60, 33.954, 272.247

Sweetspot

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



60, 33.953, 42.252



92, 11.008, 42.321



57, 51.265, 334.258



48, 7.668, 42.279



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, 33.953, 42.252



71, 52.323, 42.597



71, 37.276, 88.994



40, 3.574, 42.418



36, 69.949, 44.694



5, 13.972, 33.007

Inverse Universe

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



68, 24.263, 226.586



84, 34.090, 228.316



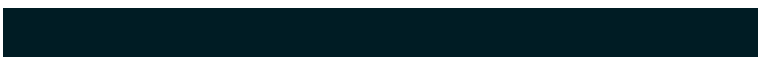
56, 38.164, 282.885



41, 3.378, 223.294



49, 32.015, 241.231



8, 11.124, 231.461

Previews

White Background



This preview shows how the CIELCh color 60, 33.954, 42.247 looks on a white background.

Color Contrast Check

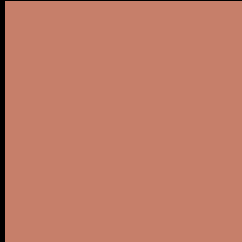
Large Text (above 18pt) WCAG AA ✓ Pass

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, 33.954, 42.247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

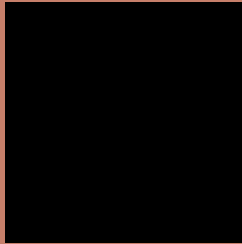
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

CIELCh 60, 33.954, 42.247

Background



This preview shows how black text looks on a background with the CIELCh color 60, 33.954, 42.247.

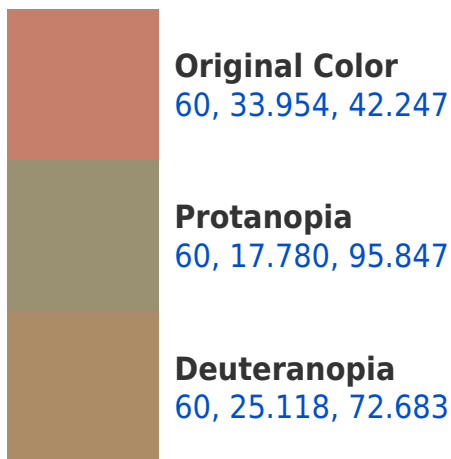


This preview shows how white text looks on a background with the CIELCh color 60, 33.954, 42.247.

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, 32.057, 14.240

Trichromacy



Original Color
60, 33.954, 42.247

Protanomaly
60, 20.736, 66.715

Deuteranomaly
60, 27.146, 60.024

Tritanomaly
60, 31.886, 24.888

Monochromacy



Original Color
60, 33.954, 42.247

Achromatopsia
61, 0.008, 296.813

Achromatomaly
60, 11.622, 42.976

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 60, 33.954, 42.247 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(198, 127, 106)` looks like.

```
.text, #text, p{  
    color:rgb(198, 127, 106)  
}
```

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(198, 127, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 127, 106) }
```

Border

The CSS property to change the border of an element to CIELCh 60, 33.954, 42.247 is called "border". The border property can be set on classes, ids or directly on the HTML element.

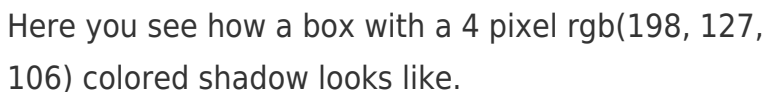
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 127, 106) }
```

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

```
.border{ border-color:rgb(198, 127, 106) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 127, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 127, 106); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 127, 106); box-shadow:4px 4px 4px 4px rgb(198, 127, 106) }
```

Background

The CSS property to change the background color of an element to CIELCh 60, 33.954, 42.247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 127, 106) }
```

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

```
.background{ background-color: rgb(198,  
127, 106) }
```

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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