

Converting Colors

CIELCh(61, 35.049, 42.740)

Have a look what the booklet for
CIELCh(61, 35.049, 42.740) contains.

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Color

CIELCh(61, 34.957, 42.568)

Conversions

Conversions Part 1

Format	Color
Hex	CA816B
RGB	202, 129, 107
RGB Percent	79%, 51%, 42%
CMY	0.2086, 0.4947, 0.5810
CMYK	0.00, 0.36, 0.47, 0.21
HSL	14°, 47%, 61%
HSV	14°, 47%, 79%
XYZ	34.7834, 29.2481, 17.6799
YIQ	148.3190, 50.5700, 8.6340

Conversions

Conversions Part 2

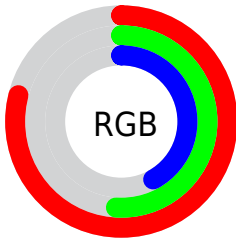
Format	Color
R_{YB}	202, 136, 107
Decimal	13271403
CIE Lab	61.00, 25.74, 23.65
CIE LCh	61, 34.957, 42.568
Yxy	29.2481, 0.4257, 0.3579
Android (android.graphics.Color)	4291461483 (0xFFCA816B)
YUV	148.3190, -20.3703, 47.0782
Hunter-Lab	54.0815, 20.1624, 18.4744

Details

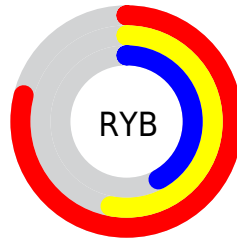
The CIELCh color **61, 34.957, 42.568** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **69, 24.878, 227.169**, and the grayscale version is **61, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 32.482, 43.240**, and **41, 35.066, 43.001** is the 20% darker color. If you saturate the color by 10%, you get **57, 44.063, 42.890**, and if you desaturate by 10%, it is **65, 26.430, 42.444**.

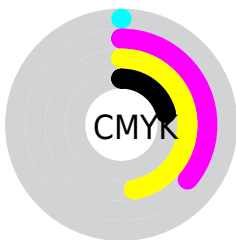
Distribution



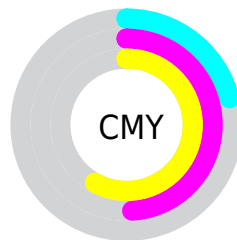
- Red (79%)
- Green (51%)
- Blue (42%)



- Red (79%)
- Yellow (53%)
- Blue (42%)



- Cyan (0%)
- Magenta (36%)
- Yellow (47%)
- Black (21%)



- Cyan (21%)
- Magenta (49%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 34.957, 42.568 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 61, 34.957, 42.568 by changing the saturation by 10% instead.

61, 34.957, 42.568

61, 34.957, 42.568

100, 34.957,
42.568

51, 34.957, 42.568

81, 34.957, 42.568

41, 34.957, 42.568

91, 34.957, 42.568

31, 34.957, 42.568

21, 34.957, 42.568

11, 34.957, 42.568

1, 34.957, 42.568

0, 34.957, 42.568

61, 34.957, 42.568

61, 34.957, 42.568

57, 44.063, 42.890

65, 26.430, 42.444

54, 53.638, 43.395

69, 18.519, 42.477

50, 63.393, 44.017

74, 11.206, 42.634

48, 72.666, 44.506

78, 4.453, 42.841

46, 80.186, 44.353

83, 1.790, 223.619

45, 82.223, 44.394

87, 7.576, 223.802

92, 12.957,
224.222

96, 16.853,
202.066

97, 17.544,
198.343

Harmonies

Complementary

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



61, 34.957, 42.568



69, 24.878, 227.169

Rectangle

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



61, 34.957, 42.568



61, 34.957, 92.568



61, 34.957, 222.568



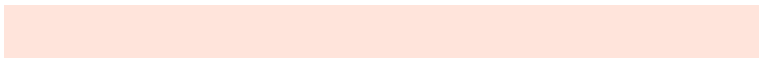
61, 34.957, 272.568

Sweetspot

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



61, 34.956, 42.573



92, 10.991, 42.695



58, 52.683, 334.303



48, 7.656, 42.648



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



61, 34.956, 42.573



71, 52.231, 42.878



72, 38.353, 88.911



41, 3.644, 42.798



37, 70.678, 44.784



6, 15.763, 32.578

Inverse Universe

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



69, 24.878, 227.169



83, 34.085, 228.838



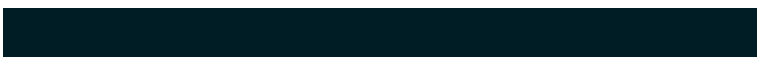
56, 39.293, 283.032



42, 3.445, 223.706



50, 32.481, 241.991



9, 11.754, 231.802

Previews

White Background



This preview shows how the CIELCh color 61, 34.957, 42.568 looks on a white background.

Color Contrast Check

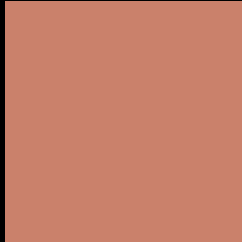
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 34.957, 42.568 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 61, 34.957, 42.568

Background



This preview shows how black text looks on a background with the CIELCh color 61, 34.957, 42.568.



This preview shows how white text looks on a background with the CIELCh color 61, 34.957, 42.568.

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
61, 32.793, 14.513

Trichromacy



Original Color
61, 34.957, 42.568

Protanomaly
61, 21.413, 66.794

Deuteranomaly
61, 28.157, 59.680

Tritanomaly
61, 32.643, 24.879

Monochromacy



Original Color
61, 34.957, 42.568

Achromatopsia
61, 0.008, 296.813

Achromatomaly
61, 11.975, 42.235

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 34.957, 42.568 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(202, 129, 107)` looks like.

```
.text, #text, p{  
    color:rgb(202, 129, 107)  
}
```

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(202, 129, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 129, 107) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 34.957, 42.568 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(202, 129, 107) }
```

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

```
.border{ border-color:rgb(202, 129, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 129, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 129, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 129, 107);  
box-shadow:4px 4px 4px 4px rgb(202, 129,  
107) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 34.957, 42.568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 129, 107) }
```

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

```
.background{ background-color: rgb(202,  
129, 107) }
```

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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