

Converting Colors

CIELCh(61, 33.754, 38.080)

Have a look what the booklet for
CIELCh(61, 33.754, 38.080) contains.

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Color

CIELCh(61, 33.835, 37.607)

Conversions

Conversions Part 1

Format	Color
Hex	CA8070
RGB	202, 128, 112
RGB Percent	79%, 50%, 44%
CMY	0.2070, 0.4973, 0.5601
CMYK	0.00, 0.37, 0.45, 0.21
HSL	11°, 46%, 62%
HSV	11°, 45%, 79%
XYZ	35.0935, 29.2481, 19.1785
YIQ	148.3020, 49.2400, 10.7120

Conversions

Conversions Part 2

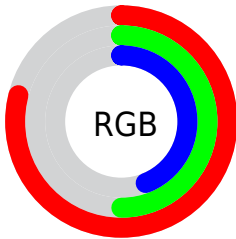
Format	Color
R _Y B	202, 131, 112
Decimal	13271152
CIE Lab	61.00, 26.80, 20.65
CIE LCh	61, 33.835, 37.607
Yxy	29.2481, 0.4202, 0.3502
Android (android.graphics.Color)	4291461232 (0xFFCA8070)
YUV	148.3020, -17.8969, 47.0931
Hunter-Lab	54.0815, 21.1859, 16.8315

Details

The CIELCh color **61, 33.835, 37.607** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **72, 24.266, 219.066**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **80, 31.456, 38.067**, and **41, 33.758, 37.897** is the 20% darker color. If you saturate the color by 10%, you get **57, 43.083, 38.302**, and if you desaturate by 10%, it is **65, 25.179, 37.161**.

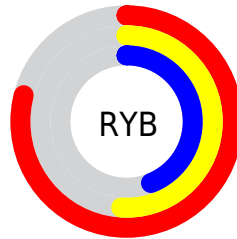
Distribution



Red (79%)

Green (50%)

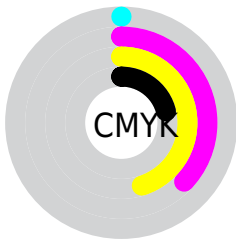
Blue (44%)



Red (79%)

Yellow (51%)

Blue (44%)

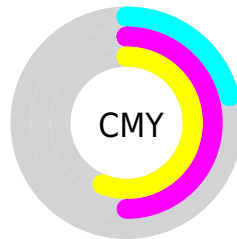


Cyan (0%)

Magenta (37%)

Yellow (45%)

Black (21%)



Cyan (21%)

Magenta (50%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 33.835, 37.607 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, 33.835, 37.607 by changing the saturation by 10% instead.

61, 33.835, 37.607

61, 33.835, 37.607

100, 33.835,
37.607

51, 33.835, 37.607

81, 33.835, 37.607

41, 33.835, 37.607

91, 33.835, 37.607

31, 33.835, 37.607

21, 33.835, 37.607

11, 33.835, 37.607

1, 33.835, 37.607

0, 33.835, 37.607

61, 33.835, 37.607

61, 33.835, 37.607

57, 43.083, 38.302

65, 25.179, 37.161

53, 52.819, 39.257

70, 17.154, 36.908

50, 62.791, 40.443

74, 9.743, 36.799

47, 72.444, 41.669

79, 2.911, 36.705

45, 80.565, 42.400

84, 3.394, 217.188

44, 84.233, 42.723

89, 9.226, 217.283

94, 14.639,
217.507

97, 17.423,
198.351

Harmonies

Complementary

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



61, 33.835, 37.607



72, 24.266, 219.066

Rectangle

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



61, 33.835, 37.607



61, 33.835, 87.607



61, 33.835, 217.607



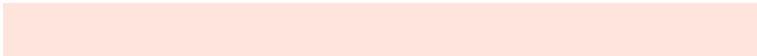
61, 33.835, 267.607

Sweetspot

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



61, 33.833, 37.612



93, 10.471, 36.792



60, 51.862, 332.193



48, 7.395, 36.805



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, 33.833, 37.612



71, 50.404, 38.237



72, 34.961, 85.289



40, 3.753, 36.773



36, 72.316, 43.023



5, 16.198, 29.184

Inverse Universe

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



72, 24.266, 219.066



86, 33.220, 220.085



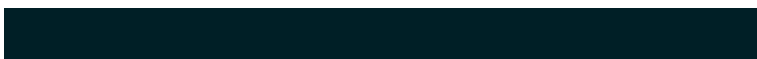
59, 34.738, 278.875



42, 3.537, 217.202



52, 31.575, 230.410



10, 11.781, 222.514

Previews

White Background



This preview shows how the CIELCh color 61, 33.835, 37.607 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, 33.835, 37.607 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, 33.835, 37.607

Background



This preview shows how black text looks on a background with the CIELCh color 61, 33.835, 37.607.

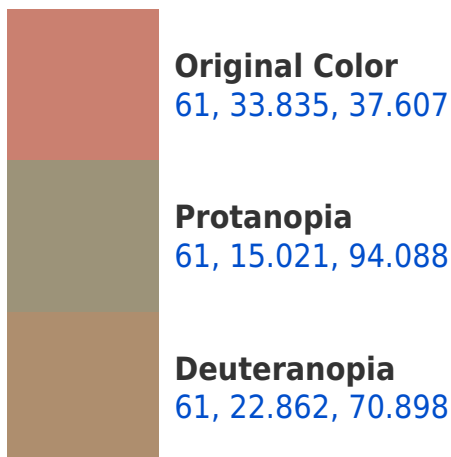


This preview shows how white text looks on a background with the CIELCh color 61, 33.835, 37.607.

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, 33.835, 37.607

Protanomaly
61, 18.879, 60.748

Deuteranomaly
61, 25.461, 55.315

Tritanomaly
61, 32.421, 22.972

Monochromacy



Original Color
61, 33.835, 37.607

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 11.352, 34.620

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 33.835, 37.607 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, 128, 112)` looks like.

```
.text, #text, p{  
    color:rgb(202, 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(202, 128, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 128, 112) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 33.835, 37.607 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, 128, 112) }
```

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

```
.border{ border-color:rgb(202, 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(202, 128, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(202, 128, 112); -webkit-box-shadow:4px 4px 4px 4px rgb(202, 128, 112); box-shadow:4px 4px 4px 4px rgb(202, 128, 112) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 33.835, 37.607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 128, 112) }
```

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

```
.background{ background-color: rgb(202,  
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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