

Converting Colors

CIELCh(61, 37.772, 23.636)

Have a look what the booklet for
CIELCh(61, 37.772, 23.636) contains.

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Color

CIELCh(61, 37.747, 23.665)

Conversions

Conversions Part 1

Format	Color
Hex	D37A7A
RGB	211, 122, 122
RGB Percent	83%, 48%, 48%
CMY	0.1718, 0.5209, 0.5209
CMYK	0.00, 0.42, 0.42, 0.17
HSL	0°, 50%, 65%
HSV	0°, 42%, 83%
XYZ	37.4232, 29.2481, 22.1398
YIQ	148.6110, 53.0440, 18.8680

Conversions

Conversions Part 2

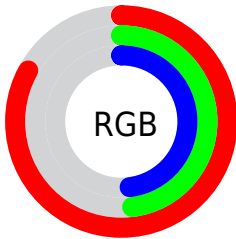
Format	Color
R _Y B	211, 122, 122
Decimal	13859450
CIE Lab	61.00, 34.57, 15.15
CIE LCh	61, 37.747, 23.665
Yxy	29.2481, 0.4214, 0.3293
Android (android.graphics.Color)	4292049530 (0xFFD37A7A)
YUV	148.6110, -13.1192, 54.7152
Hunter-Lab	54.0815, 28.8753, 13.5850

Details

The CIELCh color **61, 37.747, 23.665** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **79, 27.941, 197.447**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **79, 31.299, 23.973**, and **41, 37.716, 23.906** is the 20% darker color. If you saturate the color by 10%, you get **56, 48.102, 25.602**, and if you desaturate by 10%, it is **66, 27.811, 22.187**.

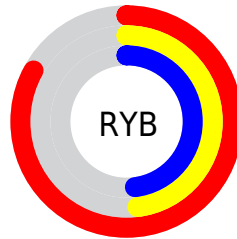
Distribution



Red (83%)

Green (48%)

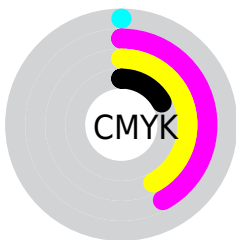
Blue (48%)



Red (83%)

Yellow (48%)

Blue (48%)

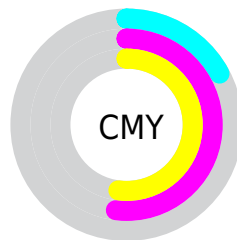


Cyan (0%)

Magenta (42%)

Yellow (42%)

Black (17%)



Cyan (17%)

Magenta (52%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 37.747, 23.665 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, 37.747, 23.665 by changing the saturation by 10% instead.

61, 37.747, 23.665

61, 37.747, 23.665

100, 37.747,
23.665

51, 37.747, 23.665

81, 37.747, 23.665

41, 37.747, 23.665

91, 37.747, 23.665

31, 37.747, 23.665

21, 37.747, 23.665

11, 37.747, 23.665

1, 37.747, 23.665

0, 37.747, 23.665

61, 37.747, 23.665

61, 37.747, 23.665

56, 48.102, 25.602

66, 27.811, 22.187

■ 52, 58.629, 28.096

■ 72, 18.453, 21.049

■ 49, 68.967, 31.195

■ 77, 9.734, 20.156

■ 46, 78.587, 34.739

■ 83, 1.659, 19.198

■ 45, 86.419, 38.060

■ 89, 5.807, 199.119

■ 44, 90.713, 40.001

■ 95, 12.716,
198.651

■ 97, 14.622,
198.531

Harmonies

Complementary

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



61, 37.747, 23.665



79, 27.941, 197.447

Rectangle

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



61, 37.747, 23.665



61, 37.747, 73.665



61, 37.747, 203.665



61, 37.747, 253.665

Sweetspot

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



61, 37.745, 23.669



91, 12.181, 20.236



64, 57.097, 326.677



47, 8.599, 20.423



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, 37.745, 23.669



68, 54.724, 25.471



71, 31.097, 70.157



41, 4.459, 19.936



35, 76.454, 39.865



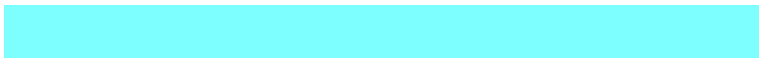
4, 20.017, 19.472

Inverse Universe

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



79, 27.941, 197.447



93, 37.491, 197.132



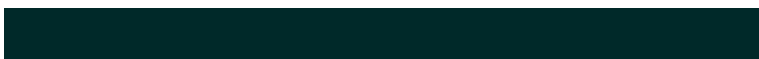
67, 27.554, 262.837



43, 4.203, 198.985



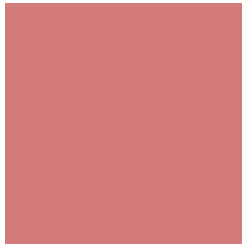
62, 36.706, 196.403



14, 14.037, 196.400

Previews

White Background



This preview shows how the CIELCh color 61, 37.747, 23.665 looks on a white background.

Color Contrast Check

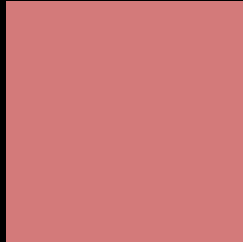
Large Text (above 18pt) WCAG AA ✓ Pass

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, 37.747, 23.665 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, 37.747, 23.665

Background



This preview shows how black text looks on a background with the CIELCh color 61, 37.747, 23.665.

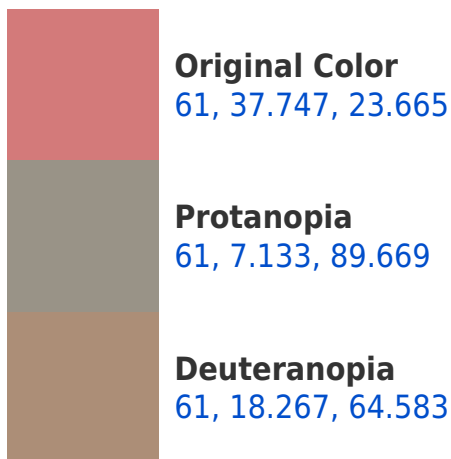


This preview shows how white text looks on a background with the CIELCh color 61, 37.747, 23.665.

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](#).

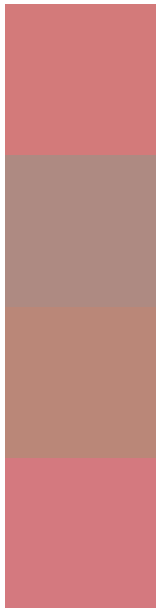
Dichromacy





Tritanopia
61, 37.919, 16.429

Trichromacy



Original Color
61, 37.747, 23.665

Protanomaly
61, 15.646, 37.317

Deuteranomaly
61, 23.563, 42.002

Tritanomaly
61, 38.085, 18.916

Monochromacy



Original Color
61, 37.747, 23.665

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 13.355, 20.730

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 37.747, 23.665 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(211, 122, 122)` looks like.

```
.text, #text, p{  
    color:rgb(211, 122, 122)  
}
```

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(211, 122, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 122, 122) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 37.747, 23.665 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(211, 122, 122) }
```

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

```
.border{ border-color:rgb(211, 122, 122) }
```

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

Here you see how a box with a 4 pixel rgb(211, 122, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 122, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 122, 122);  
box-shadow:4px 4px 4px 4px rgb(211, 122,  
122) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 37.747, 23.665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 122, 122) }
```

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

```
.background{ background-color: rgb(211,  
122, 122) }
```

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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