

Converting Colors

CIELCh(61, 25.877, 19.048)

Have a look what the booklet for
CIELCh(61, 25.877, 19.048) contains.

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Color

CIELCh(61, 25.672, 19.706)

Conversions

Conversions Part 1

Format	Color
Hex	C18385
RGB	193, 131, 133
RGB Percent	76%, 51%, 52%
CMY	0.2433, 0.4864, 0.4786
CMYK	0.00, 0.32, 0.31, 0.24
HSL	358°, 33%, 64%
HSV	358°, 32%, 76%
XYZ	34.3255, 29.2481, 26.0141
YIQ	149.7660, 36.3100, 13.7660

Conversions

Conversions Part 2

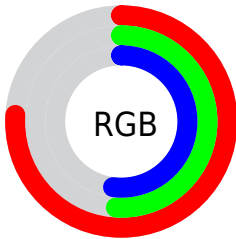
Format	Color
R_{YB}	193, 131, 133
Decimal	12682117
CIE _{Lab}	61.00, 24.17, 8.66
CIE _{LCh}	61, 25.672, 19.706
Yxy	29.2481, 0.3831, 0.3265
Android (android.graphics.Color)	4290872197 (0xFFC18385)
YUV	149.7660, -8.2656, 37.9162
Hunter-Lab	54.0815, 18.6510, 9.3377

Details

The CIELCh color **61, 25.672, 19.706** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **74, 20.882, 194.829**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **81, 25.959, 19.256**, and **41, 25.673, 19.391** is the 20% darker color. If you saturate the color by 10%, you get **56, 34.747, 21.245**, and if you desaturate by 10%, it is **66, 17.071, 18.512**.

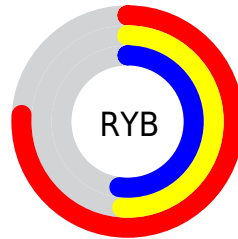
Distribution



Red (76%)

Green (51%)

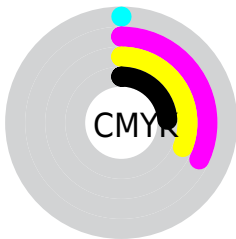
Blue (52%)



Red (76%)

Yellow (51%)

Blue (52%)

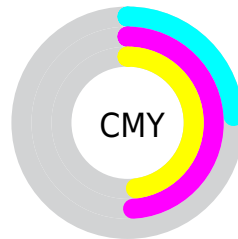


Cyan (0%)

Magenta (32%)

Yellow (31%)

Black (24%)



Cyan (24%)

Magenta (49%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 61, 25.672, 19.706 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, 25.672, 19.706 by changing the saturation by 10% instead.

61, 25.672, 19.706

61, 25.672, 19.706

100, 25.672,
19.706

51, 25.672, 19.706

81, 25.672, 19.706

41, 25.672, 19.706

91, 25.672, 19.706

31, 25.672, 19.706

21, 25.672, 19.706

11, 25.672, 19.706

1, 25.672, 19.706

0, 25.672, 19.706

61, 25.672, 19.706

61, 25.672, 19.706

56, 34.747, 21.245

66, 17.071, 18.512

■ 52, 44.154, 23.223

■ 71, 9.018, 17.551

■ 48, 53.656, 25.761

■ 77, 1.525, 16.519

■ 45, 62.944, 28.935

■ 82, 5.432, 196.370

■ 42, 71.629, 32.667

■ 88, 11.893,
195.829

■ 41, 79.055, 36.485

■ 94, 17.908,
195.410

■ 40, 83.387, 38.769

■ 96, 20.223,
198.173

Harmonies

Complementary

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



61, 25.672, 19.706



74, 20.882, 194.829

Rectangle

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



61, 25.672, 19.706



61, 25.672, 69.706



61, 25.672, 199.706



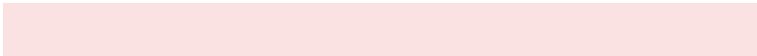
61, 25.672, 249.706

Sweetspot

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



61, 25.670, 19.710



91, 9.107, 17.380



63, 40.514, 325.205



48, 6.245, 17.503



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



61, 25.670, 19.710



73, 39.384, 20.821



68, 21.212, 67.941



38, 4.188, 17.312



33, 72.461, 38.417



3, 14.012, 17.644

Inverse Universe

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



61, 25.670, 19.710



73, 39.384, 20.821



66, 19.043, 256.702



38, 4.188, 17.312



33, 72.461, 38.417



3, 14.012, 17.644

Previews

White Background



This preview shows how the CIELCh color 61, 25.672, 19.706 looks on a white background.

Color Contrast Check

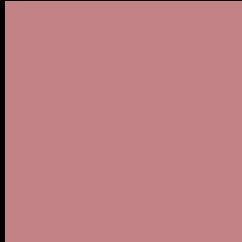
Large Text (above 18pt) WCAG AA ✓ Pass

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 61, 25.672, 19.706 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, 25.672, 19.706

Background



This preview shows how black text looks on a background with the CIELCh color 61, 25.672, 19.706.

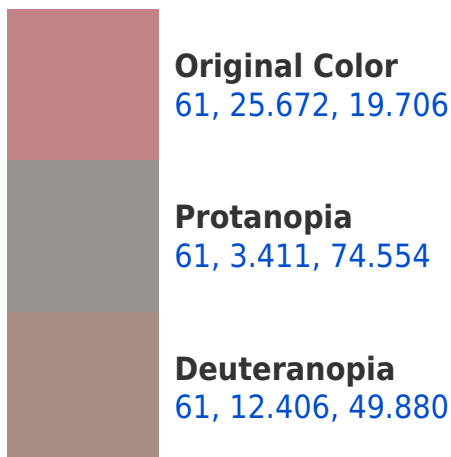


This preview shows how white text looks on a background with the CIELCh color 61, 25.672, 19.706.

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, 26.492, 10.331

Trichromacy



Original Color
61, 25.672, 19.706

Protanomaly
61, 10.550, 26.463

Deuteranomaly
61, 16.515, 32.585

Tritanomaly
61, 26.421, 13.922

Monochromacy



Original Color
61, 25.672, 19.706

Achromatopsia
62, 0.008, 296.813

Achromatomaly
61, 9.170, 16.789

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 61, 25.672, 19.706 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(193, 131, 133)` looks like.

```
.text, #text, p{  
    color:rgb(193, 131, 133)  
}
```

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(193, 131, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 131, 133) }
```

Border

The CSS property to change the border of an element to CIELCh 61, 25.672, 19.706 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(193, 131, 133) }
```

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

```
.border{ border-color:rgb(193, 131, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 131, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 131, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 131, 133);  
box-shadow:4px 4px 4px 4px rgb(193, 131,  
133) }
```

Background

The CSS property to change the background color of an element to CIELCh 61, 25.672, 19.706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 131, 133) }
```

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

```
.background{ background-color: rgb(193,  
131, 133) }
```

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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