

Converting Colors

CIELCh(77, 6.668, 59.889)

Have a look what the booklet for
CIELCh(77, 6.668, 59.889) contains.

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Color

CIELCh(77, 6.527, 60.513)

Conversions

Conversions Part 1

Format	Color
Hex	C9BCB4
RGB	201, 188, 180
RGB Percent	79%, 74%, 71%
CMY	0.2127, 0.2637, 0.2951
CMYK	0.00, 0.06, 0.10, 0.21
HSL	23°, 16%, 75%
HSV	23°, 10%, 79%
XYZ	50.1665, 51.5317, 50.3537
YIQ	190.9750, 10.3160, 0.2680

Conversions

Conversions Part 2

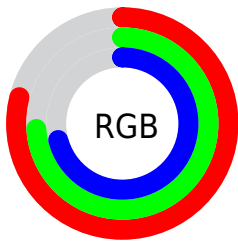
Format	Color
R _Y B	201, 193, 180
Decimal	13221044
CIE Lab	77.00, 3.21, 5.68
CIE LCh	77, 6.527, 60.513
Yxy	51.5317, 0.3299, 0.3389
Android (android.graphics.Color)	4291411124 (0xFFC9BCB4)
YUV	190.9750, -5.4107, 8.7919
Hunter-Lab	71.7856, -0.8823, 8.6612

Details

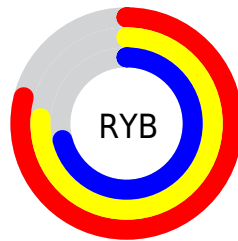
The CIELCh color $77, 6.527, 60.513$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77, 6.241, 242.784$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 5.660, 65.525$, and $57, 6.674, 62.502$ is the 20% darker color. If you saturate the color by 10%, you get $73, 13.196, 59.635$, and if you desaturate by 10%, it is $81, 0.272, 59.873$.

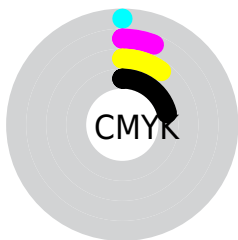
Distribution



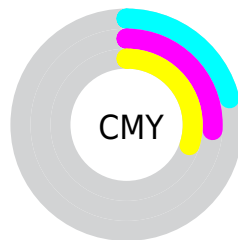
- Red (79%)
- Green (74%)
- Blue (71%)



- Red (79%)
- Yellow (76%)
- Blue (71%)



- Cyan (0%)
- Magenta (6%)
- Yellow (10%)
- Black (21%)



- Cyan (21%)
- Magenta (26%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 6.527, 60.513 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 77, 6.527, 60.513 by changing the saturation by 10% instead.

 77, 6.527, 60.513  77, 6.527, 60.513

 100, 6.527, 60.513  67, 6.527, 60.513

 97, 6.527, 60.513  57, 6.527, 60.513

 47, 6.527, 60.513

 37, 6.527, 60.513

 27, 6.527, 60.513

 17, 6.527, 60.513

 7, 6.527, 60.513

 0, 6.527, 60.513

 77, 6.527, 60.513  77, 6.527, 60.513

73, 13.196, 59.635

81, 0.272, 59.873

70, 20.318, 58.747

84, 5.612, 242.601

66, 27.922, 57.901

88, 11.168,
243.518

63, 36.010, 57.107

92, 14.866,
236.609

60, 44.530, 56.360

57, 53.320, 55.615

95, 16.311,
207.769

54, 61.995, 54.742

96, 17.870,
198.322

51, 69.751, 53.448

49, 75.667, 51.703

Harmonies

Complementary

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



77, 6.527, 60.513



77, 6.241, 242.784

Rectangle

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



77, 6.527, 60.513



77, 6.527, 110.513



77, 6.527, 240.513



77, 6.527, 290.513

Sweetspot

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



77, 6.527, 60.534



99, 2.216, 61.063



75, 10.612, 337.842



52, 1.685, 61.038



0, 0.000, 0.000



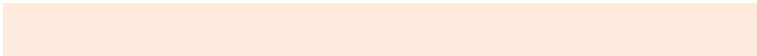
53, 0.007, 296.813

Same Dimension

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



77, 6.527, 60.534



94, 9.940, 60.292



80, 9.708, 103.003



40, 3.500, 60.628



40, 64.555, 52.283



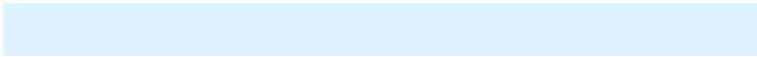
6, 13.188, 44.734

Inverse Universe

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



77, 6.241, 242.784



95, 9.380, 243.099



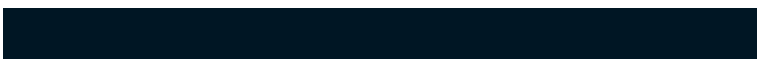
75, 9.874, 285.335



40, 3.364, 242.666



41, 40.350, 269.136



6, 12.228, 257.313

Previews

White Background



This preview shows how the CIELCh color 77, 6.527, 60.513 looks on a white background.

Color Contrast Check

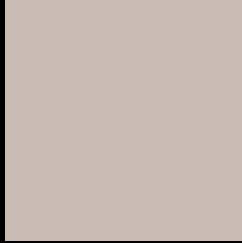
Large Text (above 18pt) WCAG AA × Fail

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 77, 6.527, 60.513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

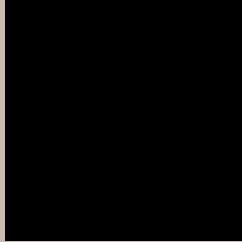
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

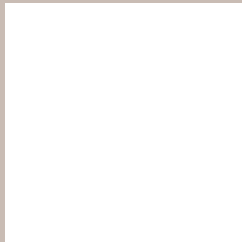
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 6.527, 60.513

Background



This preview shows how black text looks on a background with the CIELCh color 77, 6.527, 60.513.

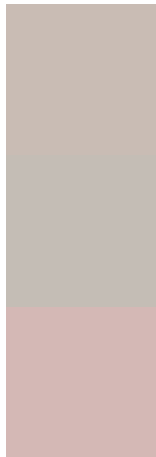


This preview shows how white text looks on a background with the CIELCh color 77, 6.527, 60.513.

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



Original Color

77, 6.527, 60.513

Protanopia

77, 5.014, 77.929

Deuteranopia

77, 10.845, 28.683



Tritanopia
77, 10.051, 331.845

Trichromacy



Original Color
77, 6.527, 60.513

Protanomaly
77, 5.452, 71.093

Deuteranomaly
77, 9.038, 33.679

Tritanomaly
77, 6.784, 351.633

Monochromacy



Original Color
77, 6.527, 60.513

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 2.444, 60.281

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 6.527, 60.513 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(201, 188, 180)` looks like.

```
.text, #text, p{  
    color:rgb(201, 188, 180)  
}
```

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(201, 188, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 188, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 6.527, 60.513 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(201, 188, 180) }
```

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

```
.border{ border-color:rgb(201, 188, 180) }
```

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

Here you see how a box with a 4 pixel rgb(201, 188, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 188, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 188, 180);  
box-shadow:4px 4px 4px 4px rgb(201, 188,  
180) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 6.527, 60.513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 188, 180) }
```

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

```
.background{ background-color: rgb(201,  
188, 180) }
```

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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