

Converting Colors

CIELCh(77, 28.525, 130.252)

Have a look what the booklet for
CIELCh(77, 28.525, 130.252)
contains.

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Color

CIELCh(77, 28.713, 130.013)

Conversions

Conversions Part 1

Format	Color
Hex	ABC795
RGB	171, 199, 149
RGB Percent	67%, 78%, 58%
CMY	0.3303, 0.2205, 0.4166
CMYK	0.14, 0.00, 0.25, 0.22
HSL	94°, 31%, 68%
HSV	94°, 25%, 78%
XYZ	42.5191, 51.5317, 36.0447
YIQ	184.9280, -0.6380, -21.4860

Conversions

Conversions Part 2

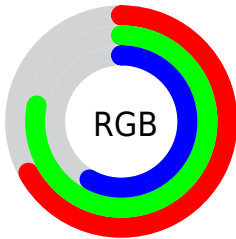
Format	Color
RYB	149, 199, 177
Decimal	11257749
CIELab	77.00, -18.46, 21.99
CIELCh	77, 28.713, 130.013
Yxy	51.5317, 0.3268, 0.3961
Android (android.graphics.Color)	4289447829 (0xFFABC795)
YUV	184.9280, -17.7125, -12.2149
Hunter-Lab	71.7856, -19.8980, 20.4795

Details

The CIELCh color **77, 28.713, 130.013** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **66, 29.581, 312.264**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 28.351, 129.483**, and **57, 28.681, 130.187** is the 20% darker color. If you saturate the color by 10%, you get **76, 40.002, 129.528**, and if you desaturate by 10%, it is **78, 17.297, 130.490**.

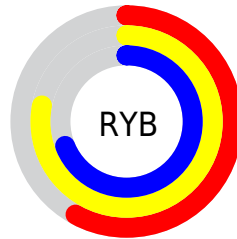
Distribution



Red (67%)

Green (78%)

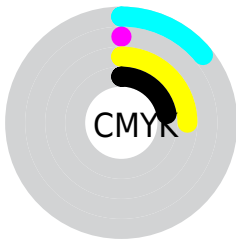
Blue (58%)



Red (58%)

Yellow (78%)

Blue (69%)

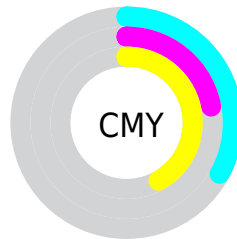


Cyan (14%)

Magenta (0%)

Yellow (25%)

Black (22%)



Cyan (33%)

Magenta (22%)

Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 28.713, 130.013 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, 28.713, 130.013 by changing the saturation by 10% instead.


 77, 28.713,
130.013


 77, 28.713,
130.013


 100, 28.713,
130.013


 67, 28.713,
130.013


 97, 28.713,
130.013


 57, 28.713,
130.013

 47, 28.713,
130.013

 37, 28.713,
130.013

 27, 28.713,
130.013

 17, 28.713,
130.013

 7, 28.713, 130.013

■ 0, 28.713, 130.013

■ 77, 28.713,
130.013

■ 77, 28.713,
130.013

■ 76, 40.002,
129.528

■ 78, 17.297,
130.490

■ 75, 50.999,
129.056

■ 79, 5.861, 130.949

■ 74, 61.478,
128.646

■ 81, 5.514, 311.307

■ 82, 16.772,
311.692

■ 73, 71.115,
128.372

■ 84, 27.872,
312.025

■ 73, 79.479,
128.343

■ 85, 32.532,
316.358

■ 72, 86.082,
128.685

■ 86, 34.183,

■ 72, 90.563,
129.500

322.433

■ 71, 92.227,
129.971

■ 87, 35.270,
325.651

Harmonies

Complementary

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



77, 28.713, 130.013



66, 29.581, 312.264

Rectangle

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



77, 28.713, 130.013



77, 28.713, 180.013



77, 28.713, 310.013



77, 28.713, 0.013

Sweetspot

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



77, 28.715, 130.015



99, 11.160, 130.812



73, 17.473, 77.404



52, 7.936, 130.743



0, 0.000, 0.000



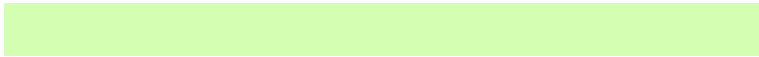
53, 0.007, 296.813

Same Dimension

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



77, 28.715, 130.015



95, 41.876, 129.757



76, 31.743, 144.107



41, 6.469, 130.755



60, 79.481, 129.744



12, 23.378, 133.543

Inverse Universe

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



66, 29.581, 312.264



79, 43.427, 312.522



68, 31.765, 327.207



39, 6.546, 311.525



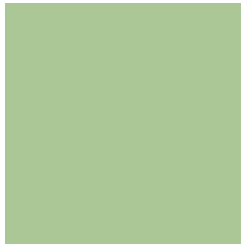
26, 88.137, 313.455



2, 22.641, 308.177

Previews

White Background



This preview shows how the CIELCh color 77, 28.713, 130.013 looks on a white background.

Color Contrast Check

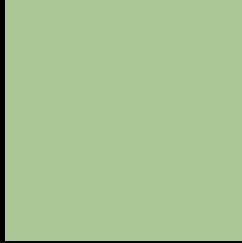
Large Text (above 18pt) WCAG AA × Fail

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, 28.713, 130.013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

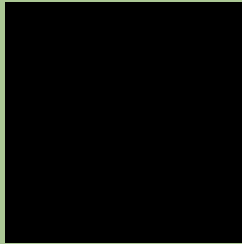
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 28.713, 130.013

Background



This preview shows how black text looks on a background with the CIELCh color 77, 28.713, 130.013.



This preview shows how white text looks on a background with the CIELCh color 77, 28.713, 130.013.

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](#).

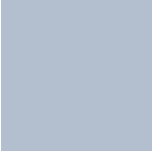
Dichromacy



Original Color
77, 28.713, 130.013

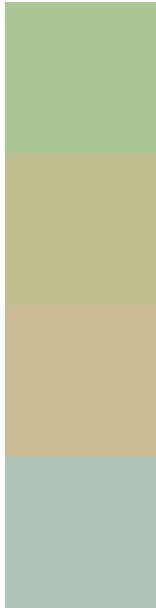
Protanopia
77, 24.142, 94.360

Deuteranopia
77, 22.762, 64.573



Tritanopia
77, 9.005, 263.021

Trichromacy



Original Color
77, 28.713, 130.013

Protanomaly
77, 24.963, 109.674

Deuteranomaly
77, 20.678, 91.363

Tritanomaly
77, 8.236, 162.929

Monochromacy



Original Color
77, 28.713, 130.013

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 10.400, 130.597

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 28.713, 130.013 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(171, 199, 149)` looks like.

```
.text, #text, p{  
    color:rgb(171, 199, 149)  
}
```

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(171, 199, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 199, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 28.713, 130.013 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(171, 199, 149) }
```

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

```
.border{ border-color:rgb(171, 199, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 199, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 199, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 199, 149);  
box-shadow:4px 4px 4px 4px rgb(171, 199,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 28.713, 130.013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 199, 149) }
```

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

```
.background{ background-color: rgb(171,  
199, 149) }
```

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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