

Converting Colors

CIELCh(77, 18.016, 129.520)

Have a look what the booklet for
CIELCh(77, 18.016, 129.520)
contains.

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Color

CIELCh(77, 18.297, 129.440)

Conversions

Conversions Part 1

Format	Color
Hex	B3C4A4
RGB	179, 196, 164
RGB Percent	70%, 77%, 64%
CMY	0.2994, 0.2327, 0.3582
CMYK	0.09, 0.00, 0.16, 0.23
HSL	92°, 21%, 70%
HSV	92°, 16%, 77%
XYZ	44.8411, 51.5317, 42.5441
YIQ	187.2690, 0.1400, -13.5560

Conversions

Conversions Part 2

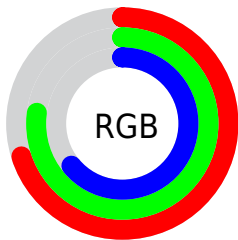
Format	Color
RYB	164, 196, 181
Decimal	11781284
CIELab	77.00, -11.62, 14.13
CIELCh	77, 18.297, 129.440
Yxy	51.5317, 0.3228, 0.3710
Android (android.graphics.Color)	4289971364 (0xFFB3C4A4)
YUV	187.2690, -11.4716, -7.2519
Hunter-Lab	71.7856, -14.1244, 15.1114

Details

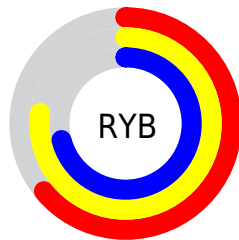
The CIELCh color $77, 18.297, 129.440$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $70, 18.681, 310.878$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 18.515, 129.501$, and $57, 18.215, 129.310$ is the 20% darker color. If you saturate the color by 10%, you get $76, 29.472, 128.964$, and if you desaturate by 10%, it is $78, 7.091, 129.904$.

Distribution



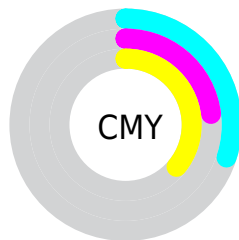
- Red (70%)
- Green (77%)
- Blue (64%)



- Red (64%)
- Yellow (77%)
- Blue (71%)



- Cyan (9%)
- Magenta (0%)
- Yellow (16%)
- Black (23%)




- Cyan (30%)
- Magenta (23%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 18.297, 129.440 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, 18.297, 129.440 by changing the saturation by 10% instead.

 77, 18.297,
129.440


 77, 18.297,
129.440


 100, 18.297,
129.440

 67, 18.297,
129.440

 97, 18.297,
129.440

 57, 18.297,
129.440

 47, 18.297,
129.440

 37, 18.297,
129.440

 27, 18.297,
129.440

 17, 18.297,
129.440

 7, 18.297, 129.440

■ 0, 18.297, 129.440

■ 77, 18.297,
129.440

■ 77, 18.297,
129.440

■ 76, 29.472,
128.964

■ 78, 7.091, 129.904

■ 75, 40.496,
128.481

■ 80, 4.074, 310.273

■ 74, 51.212,
128.022

■ 81, 15.138,
310.677

■ 73, 61.388,
127.637

■ 82, 26.063,
311.024

■ 72, 70.695,
127.404

■ 84, 33.643,
313.158

■ 72, 78.702,
127.434

■ 85, 34.972,
318.760

■ 86, 36.599,

■ 71, 84.932,
127.853

324.005

■ 71, 89.089,
128.748

■ 86, 37.222,
325.717

■ 71, 90.325,
129.107

Harmonies

Complementary

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



77, 18.297, 129.440



70, 18.681, 310.878

Rectangle

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



77, 18.297, 129.440



77, 18.297, 179.440



77, 18.297, 309.440



77, 18.297, 359.440

Sweetspot

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



77, 18.299, 129.442



99, 6.917, 129.964



74, 10.773, 75.150



53, 4.721, 129.930



0, 0.000, 0.000



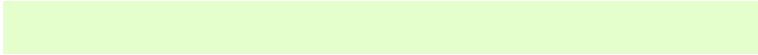
53, 0.007, 296.813

Same Dimension

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



77, 18.299, 129.442



97, 27.756, 129.255



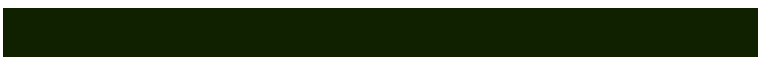
76, 20.813, 143.880



40, 6.287, 129.766



59, 77.859, 128.871



11, 21.343, 133.508

Inverse Universe

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



70, 18.681, 310.878



86, 28.476, 311.070



71, 20.834, 325.772



38, 6.367, 310.549



25, 87.643, 312.754



2, 20.329, 306.477

Previews

White Background



This preview shows how the CIELCh color 77, 18.297, 129.440 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 CIELCh color 77, 18.297, 129.440 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

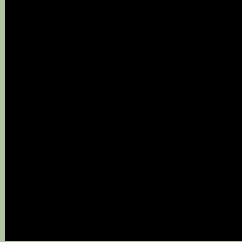
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 18.297, 129.440

Background



This preview shows how black text looks on a background with the CIELCh color 77, 18.297, 129.440.



This preview shows how white text looks on a background with the CIELCh color 77, 18.297, 129.440.

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, 18.297, 129.440

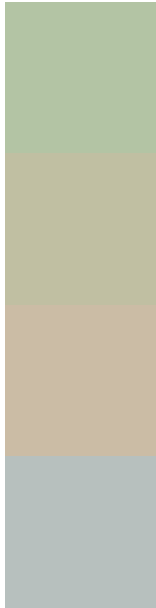
Protanopia
77, 15.576, 92.619

Deuteranopia
77, 16.321, 53.883



Tritanopia
77, 8.217, 278.463

Trichromacy



Original Color
77, 18.297, 129.440

Protanomaly
77, 15.481, 107.278

Deuteranomaly
77, 13.642, 83.483

Tritanomaly
77, 3.476, 181.295

Monochromacy



Original Color
77, 18.297, 129.440

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 6.331, 130.418

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 18.297, 129.440 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(179, 196, 164)` looks like.

```
.text, #text, p{  
    color:rgb(179, 196, 164)  
}
```

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(179, 196, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 196, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 18.297, 129.440 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(179, 196, 164) }
```

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

```
.border{ border-color:rgb(179, 196, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 196, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 196, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 196, 164);  
box-shadow:4px 4px 4px 4px rgb(179, 196,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 18.297, 129.440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 196, 164) }
```

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

```
.background{ background-color: rgb(179,  
196, 164) }
```

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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