

Converting Colors

CIELCh(77, 12.896, 126.209)

Have a look what the booklet for
CIELCh(77, 12.896, 126.209)
contains.

CIELCh(77, 12.881, 126.208)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(77, 12.881, 126.208)

Conversions

Conversions Part 1

Format	Color
Hex	B8C2AB
RGB	184, 194, 171
RGB Percent	72%, 76%, 67%
CMY	0.2796, 0.2404, 0.3306
CMYK	0.05, 0.00, 0.12, 0.24
HSL	86°, 16%, 71%
HSV	86°, 12%, 76%
XYZ	46.2429, 51.5317, 45.8904
YIQ	188.3880, 1.4230, -9.2730

Conversions

Conversions Part 2

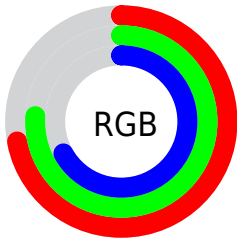
Format	Color
RYB	171, 194, 181
Decimal	12108459
CIELab	77.00, -7.61, 10.39
CIElCh	77, 12.881, 126.208
Yxy	51.5317, 0.3219, 0.3587
Android (android.graphics.Color)	4290298539 (0xFFB8C2AB)
YUV	188.3880, -8.5723, -3.8483
Hunter-Lab	71.7856, -10.6387, 12.3476

Details

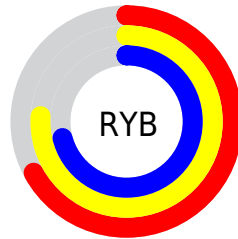
The CIELCh color **77, 12.881, 126.208** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71, 13.126, 307.331**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 12.765, 125.649**, and **57, 12.475, 125.844** is the 20% darker color. If you saturate the color by 10%, you get **76, 23.724, 125.715**, and if you desaturate by 10%, it is **78, 2.021, 126.723**.

Distribution



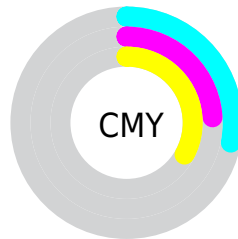
- Red (72%)
- Green (76%)
- Blue (67%)



- Red (67%)
- Yellow (76%)
- Blue (71%)



- Cyan (5%)
- Magenta (0%)
- Yellow (12%)
- Black (24%)



- Cyan (28%)
- Magenta (24%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 12.881, 126.208 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, 12.881, 126.208 by changing the saturation by 10% instead.

 77, 12.881,
126.208

 77, 12.881,
126.208

 100, 12.881,
126.208

 67, 12.881,
126.208

 97, 12.881,
126.208

 57, 12.881,
126.208

 47, 12.881,
126.208

 37, 12.881,
126.208

 27, 12.881,
126.208

 17, 12.881,
126.208

 7, 12.881, 126.208

0, 12.881, 126.208

77, 12.881,
126.208

77, 12.881,
126.208

76, 23.724,
125.715

78, 2.021, 126.723

75, 34.456,
125.213

79, 8.800, 307.109

74, 44.948,
124.732

81, 19.535,
307.524

73, 55.015,
124.312

82, 30.151,
307.900

73, 64.382,
124.017

83, 34.353,
311.028

72, 72.671,
123.942

84, 35.297,
315.534

84, 36.439,

■ 71, 79.421,
124.204

319.850

■ 71, 84.217,
124.921

■ 85, 37.768,
323.943

■ 71, 86.868,
125.779

■ 85, 38.443,
325.759

Harmonies

Complementary

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



77, 12.881, 126.208



71, 13.126, 307.331

Rectangle

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



77, 12.881, 126.208



77, 12.881, 176.208



77, 12.881, 306.208



77, 12.881, 356.208

Sweetspot

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



77, 12.883, 126.212



99, 5.370, 126.597



74, 7.340, 66.518



53, 3.850, 126.558



0, 0.000, 0.000



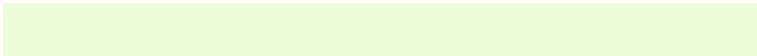
53, 0.007, 296.813

Same Dimension

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



77, 12.883, 126.212



97, 18.841, 126.096



76, 14.801, 142.011



40, 6.152, 126.334



60, 75.472, 125.550



11, 20.645, 130.002

Inverse Universe

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



71, 13.126, 307.331



89, 19.262, 307.455



72, 14.841, 323.222



38, 6.247, 307.201



23, 89.452, 310.636



2, 20.015, 303.146

Previews

White Background



This preview shows how the CIELCh color 77, 12.881, 126.208 looks on a white background.

Color Contrast Check

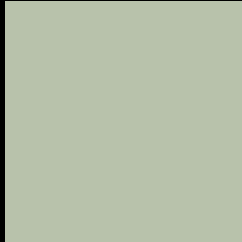
Large Text (above 18pt) WCAG AA × Fail

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, 12.881, 126.208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

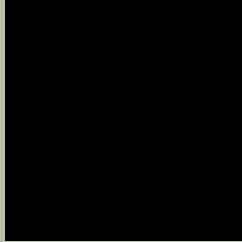
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

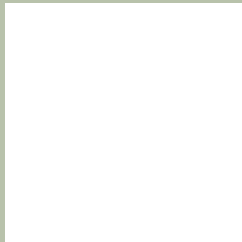
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 12.881, 126.208

Background



This preview shows how black text looks on a background with the CIELCh color 77, 12.881, 126.208.

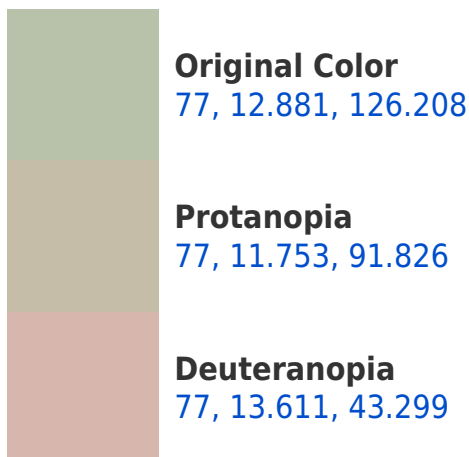


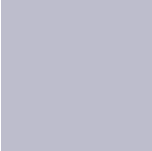
This preview shows how white text looks on a background with the CIELCh color 77, 12.881, 126.208.

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
77, 8.062, 290.927

Trichromacy



Original Color
77, 12.881, 126.208

Protanomaly
77, 11.771, 105.319

Deuteranomaly
77, 10.387, 70.081

Tritanomaly
77, 1.553, 219.876

Monochromacy



Original Color
77, 12.881, 126.208

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 4.551, 128.912

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 12.881, 126.208 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(184, 194, 171)` looks like.

```
.text, #text, p{  
    color:rgb(184, 194, 171)  
}
```

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(184, 194, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 194, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 12.881, 126.208 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(184, 194, 171) }
```

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

```
.border{ border-color:rgb(184, 194, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 194, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 194, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 194, 171);  
box-shadow:4px 4px 4px 4px rgb(184, 194,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 12.881, 126.208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 194, 171) }
```

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

```
.background{ background-color: rgb(184,  
194, 171) }
```

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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