

Converting Colors

CIELCh(77, 12.625, 120.406)

Have a look what the booklet for
CIELCh(77, 12.625, 120.406)
contains.

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Color

CIELCh(77, 12.585, 121.297)

Conversions

Conversions Part 1

Format	Color
Hex	BAC1AA
RGB	186, 193, 170
RGB Percent	73%, 76%, 67%
CMY	0.2703, 0.2428, 0.3330
CMYK	0.04, 0.00, 0.12, 0.24
HSL	78°, 16%, 71%
HSV	78°, 12%, 76%
XYZ	46.6219, 51.5317, 45.5604
YIQ	188.2850, 3.2110, -8.6370

Conversions

Conversions Part 2

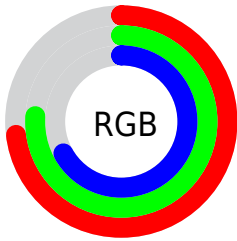
Format	Color
RYB	170, 193, 177
Decimal	12239274
CIELab	77.00, -6.54, 10.75
CIElCh	77, 12.585, 121.297
Yxy	51.5317, 0.3244, 0.3586
Android (android.graphics.Color)	4290429354 (0xFFBAC1AA)
YUV	188.2850, -9.0145, -2.0039
Hunter-Lab	71.7856, -9.6963, 12.6202

Details

The CIELCh color $77, 12.585, 121.297$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71, 12.877, 302.674$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $97, 12.495, 120.932$, and $57, 12.797, 121.637$ is the 20% darker color. If you saturate the color by 10%, you get $76, 23.108, 120.720$, and if you desaturate by 10%, it is $78, 2.015, 121.887$.

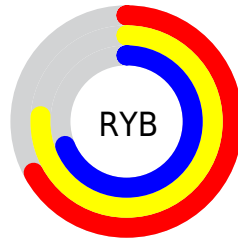
Distribution



Red (73%)

Green (76%)

Blue (67%)



Red (67%)

Yellow (76%)

Blue (69%)

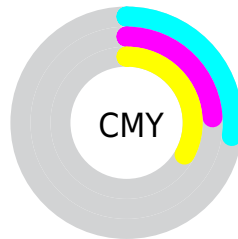


Cyan (4%)

Magenta (0%)

Yellow (12%)

Black (24%)



Cyan (27%)


Magenta (24%)


Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 12.585, 121.297 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, 12.585, 121.297 by changing the saturation by 10% instead.


 77, 12.585,
121.297

 77, 12.585,
121.297


 100, 12.585,
121.297


 67, 12.585,
121.297


 97, 12.585,
121.297

 57, 12.585,
121.297

 47, 12.585,
121.297

 37, 12.585,
121.297

 27, 12.585,
121.297

 17, 12.585,
121.297

 7, 12.585, 121.297

■ 0, 12.585, 121.297

■ 77, 12.585,
121.297

■ 77, 12.585,
121.297

■ 76, 23.108,
120.720

■ 78, 2.015, 121.887

■ 75, 33.494,
120.140

■ 79, 8.550, 302.397

■ 75, 43.620,
119.589

■ 80, 19.066,
302.910

■ 74, 53.302,
119.106

■ 81, 29.503,
303.386

■ 73, 62.268,
118.750

■ 82, 33.856,
305.535

■ 73, 70.138,
118.608

■ 82, 34.317,
308.774

■ 83, 34.881,

■ 72, 76.446,
118.786

311.956

■ 72, 80.782,
119.387

■ 83, 35.544,
315.064

■ 72, 83.052,
120.138

■ 84, 36.304,
318.083

Harmonies

Complementary

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



77, 12.585, 121.297



71, 12.877, 302.674

Rectangle

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



77, 12.585, 121.297



77, 12.585, 171.297



77, 12.585, 301.297



77, 12.585, 351.297

Sweetspot

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



77, 12.587, 121.302



98, 5.205, 121.755



73, 7.235, 50.729



52, 3.700, 121.710



99, 0.012, 296.813



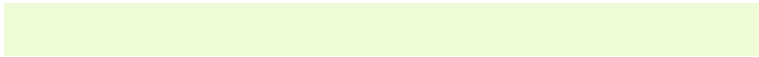
52, 0.007, 296.813

Same Dimension

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



77, 12.587, 121.302



97, 18.233, 121.168



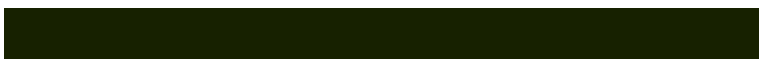
76, 14.205, 138.270



41, 6.007, 121.448



61, 72.381, 119.939



11, 19.716, 124.057

Inverse Universe

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



71, 12.877, 302.674



88, 18.732, 302.826



72, 14.295, 319.320



38, 6.119, 302.512



21, 91.735, 308.482



2, 19.745, 299.300

Previews

White Background



This preview shows how the CIELCh color 77, 12.585, 121.297 looks on a white background.

Color Contrast Check

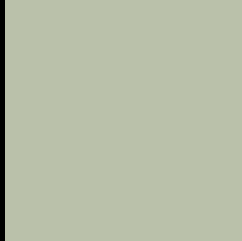
Large Text (above 18pt) WCAG AA × Fail

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, 12.585, 121.297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

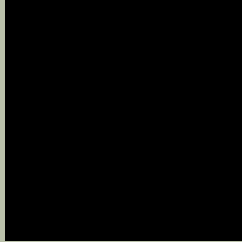
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

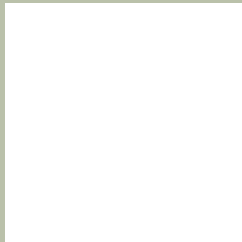
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 12.585, 121.297

Background



This preview shows how black text looks on a background with the CIELCh color 77, 12.585, 121.297.



This preview shows how white text looks on a background with the CIELCh color 77, 12.585, 121.297.

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, 12.585, 121.297

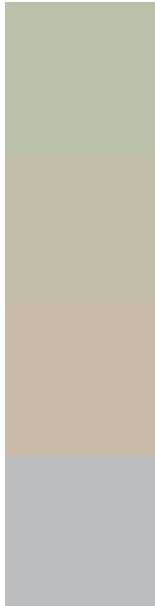
Protanopia
77, 11.753, 91.826

Deuteranopia
77, 13.858, 45.258



Tritanopia
77, 8.156, 298.509

Trichromacy



Original Color
77, 12.585, 121.297

Protanomaly
77, 11.324, 101.284

Deuteranomaly
77, 10.816, 71.784

Tritanomaly
77, 0.653, 256.087

Monochromacy



Original Color
77, 12.585, 121.297

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 4.958, 122.809

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 12.585, 121.297 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(186, 193, 170)` looks like.

```
.text, #text, p{  
    color:rgb(186, 193, 170)  
}
```

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(186, 193, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 193, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 12.585, 121.297 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(186, 193, 170) }
```

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

```
.border{ border-color:rgb(186, 193, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 193, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 193, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 193, 170);  
box-shadow:4px 4px 4px 4px rgb(186, 193,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 12.585, 121.297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 193, 170) }
```

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

```
.background{ background-color: rgb(186,  
193, 170) }
```

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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