

Converting Colors

CIELCh(77, 35.162, 110.052)

Have a look what the booklet for
CIELCh(77, 35.162, 110.052)
contains.

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Color

CIELCh(77, 35.315, 110.206)

Conversions

Conversions Part 1

Format	Color
Hex	BEC380
RGB	190, 195, 128
RGB Percent	75%, 76%, 50%
CMY	0.2549, 0.2353, 0.4981
CMYK	0.03, 0.00, 0.34, 0.24
HSL	64°, 36%, 63%
HSV	64°, 34%, 76%
XYZ	44.6429, 51.5317, 28.0133
YIQ	185.8670, 18.5270, -21.8970

Conversions

Conversions Part 2

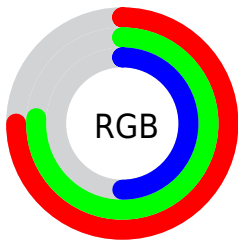
Format	Color
RYB	128, 195, 133
Decimal	12501888
CIELab	77.00, -12.20, 33.14
CIElCh	77, 35.315, 110.206
Yxy	51.5317, 0.3595, 0.4149
Android (android.graphics.Color)	4290691968 (0xFFBEC380)
YUV	185.8670, -28.5284, 3.6246
Hunter-Lab	71.7856, -14.6170, 27.1129

Details

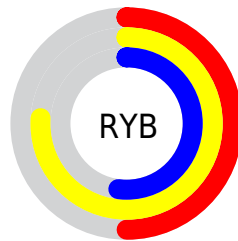
The CIELCh color **77, 35.315, 110.206** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56, 38.420, 296.889**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 35.321, 109.954**, and **57, 34.910, 109.677** is the 20% darker color. If you saturate the color by 10%, you get **77, 45.093, 109.401**, and if you desaturate by 10%, it is **77, 25.213, 111.051**.

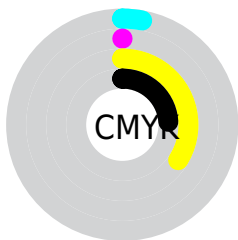
Distribution



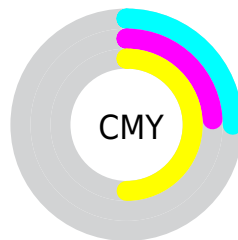
- Red (75%)
- Green (76%)
- Blue (50%)



- Red (50%)
- Yellow (76%)
- Blue (52%)



- Cyan (3%)
- Magenta (0%)
- Yellow (34%)
- Black (24%)



- Cyan (25%)
- Magenta (24%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 35.315, 110.206 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, 35.315, 110.206 by changing the saturation by 10% instead.

 77, 35.315,
110.206

 77, 35.315,
110.206


 100, 35.315,
110.206


 67, 35.315,
110.206


 97, 35.315,
110.206


 57, 35.315,
110.206

 47, 35.315,
110.206

 37, 35.315,
110.206

 27, 35.315,
110.206

 17, 35.315,
110.206

 7, 35.315, 110.206

■ 0, 35.315, 110.206

■ 77, 35.315,
110.206

■ 77, 35.315,
110.206

■ 77, 45.093,
109.401

■ 77, 25.213,
111.051

■ 76, 54.332,
108.660

■ 78, 14.923,
111.903

■ 76, 62.718,
108.029

■ 79, 4.535, 112.744

■ 76, 69.826,
107.563

■ 79, 5.890, 293.586

■ 76, 75.166,
107.323

■ 80, 16.312,
294.382

■ 75, 78.375,
107.355

■ 81, 26.702,
295.147

■ 81, 32.027,

■ 75, 79.523,
107.457

295.935

■ 81, 32.059,
296.777

■ 81, 32.097,
297.620

Harmonies

Complementary

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



77, 35.315, 110.206



56, 38.420, 296.889

Rectangle

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



77, 35.315, 110.206



77, 35.315, 160.206



77, 35.315, 290.206



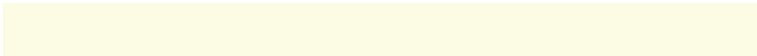
77, 35.315, 340.206

Sweetspot

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



77, 35.316, 110.209



98, 12.826, 112.260



61, 26.456, 27.436



53, 8.820, 112.139



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, 35.316, 110.209



97, 51.579, 109.616



75, 38.585, 129.792



41, 5.867, 112.327



63, 68.877, 107.393



12, 18.703, 111.274

Inverse Universe

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



56, 38.420, 296.889



66, 57.388, 297.964



59, 40.185, 312.925



37, 5.996, 293.956



19, 94.318, 306.551



1, 19.507, 293.156

Previews

White Background



This preview shows how the CIELCh color 77, 35.315, 110.206 looks on a white background.

Color Contrast Check

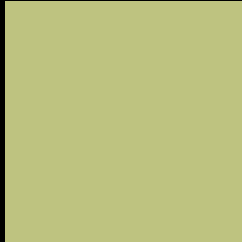
Large Text (above 18pt) WCAG AA × Fail

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, 35.315, 110.206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

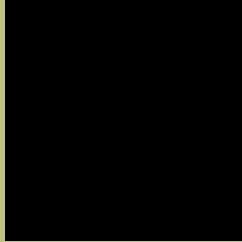
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 35.315, 110.206

Background



This preview shows how black text looks on a background with the CIELCh color 77, 35.315, 110.206.



This preview shows how white text looks on a background with the CIELCh color 77, 35.315, 110.206.

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, 35.315, 110.206

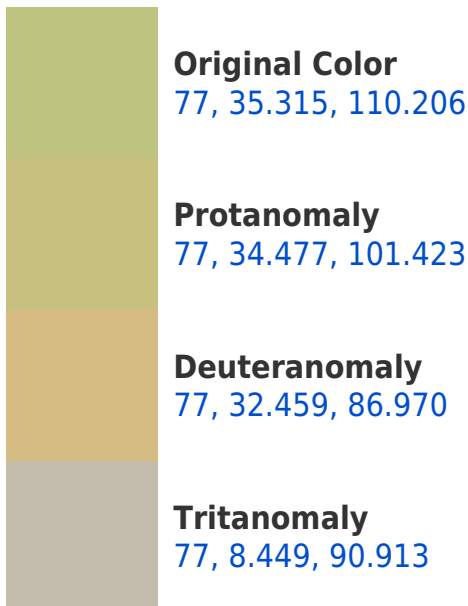
Protanopia
77, 34.546, 95.829

Deuteranopia
77, 33.526, 73.241

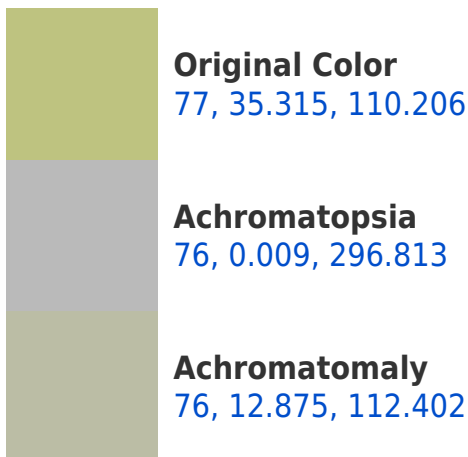


Tritanopia
77, 9.396, 321.089

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 35.315, 110.206 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(190, 195, 128)` looks like.

```
.text, #text, p{  
    color:rgb(190, 195, 128)  
}
```

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(190, 195, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 195, 128) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 35.315, 110.206 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(190, 195, 128) }
```

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

```
.border{ border-color:rgb(190, 195, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 195, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 195, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 195, 128);  
box-shadow:4px 4px 4px 4px rgb(190, 195,  
128) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 35.315, 110.206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 195, 128) }
```

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

```
.background{ background-color: rgb(190,  
195, 128) }
```

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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