

Converting Colors

CIELCh(77, 37.348, 113.107)

Have a look what the booklet for
CIELCh(77, 37.348, 113.107)
contains.

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Color

CIELCh(77, 36.996, 113.099)

Conversions

Conversions Part 1

Format	Color
Hex	BAC47E
RGB	186, 196, 126
RGB Percent	73%, 77%, 49%
CMY	0.2699, 0.2307, 0.5052
CMYK	0.05, 0.00, 0.36, 0.23
HSL	69°, 37%, 63%
HSV	69°, 36%, 77%
XYZ	43.8494, 51.5317, 27.4305
YIQ	185.0300, 16.5100, -23.8900

Conversions

Conversions Part 2

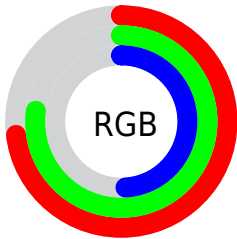
Format	Color
RYB	126, 196, 136
Decimal	12239998
CIELab	77.00, -14.51, 34.03
CIELCh	77, 36.996, 113.099
Yxy	51.5317, 0.3570, 0.4196
Android (android.graphics.Color)	4290430078 (0xFFBAC47E)
YUV	185.0300, -29.1018, 0.8507
Hunter-Lab	71.7856, -16.5902, 27.5942

Details

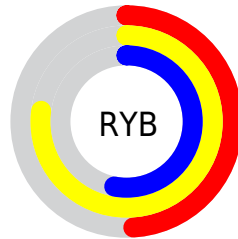
The CIELCh color **77, 36.996, 113.099** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56, 40.295, 299.233**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 37.429, 113.214**, and **57, 36.647, 112.807** is the 20% darker color. If you saturate the color by 10%, you get **77, 46.824, 112.396**, and if you desaturate by 10%, it is **78, 26.824, 113.848**.

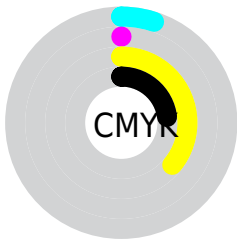
Distribution



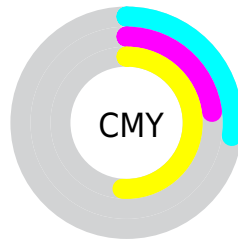
- Red (73%)
- Green (77%)
- Blue (49%)



- Red (49%)
- Yellow (77%)
- Blue (53%)



- Cyan (5%)
- Magenta (0%)
- Yellow (36%)
- Black (23%)




- Cyan (27%)
- Magenta (23%)
- Yellow (51%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 36.996, 113.099 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, 36.996, 113.099 by changing the saturation by 10% instead.


 77, 36.996,
113.099

 77, 36.996,
113.099


 100, 36.996,
113.099


 67, 36.996,
113.099


 97, 36.996,
113.099

 57, 36.996,
113.099

 47, 36.996,
113.099

 37, 36.996,
113.099

 27, 36.996,
113.099

 17, 36.996,
113.099

 7, 36.996, 113.099

■ 0, 36.996, 113.099

■ 77, 36.996,
113.099

■ 77, 36.996,
113.099

■ 77, 46.824,
112.396

■ 78, 26.824,
113.848

■ 76, 56.080,
111.770

■ 78, 16.450,
114.607

■ 76, 64.440,
111.277

■ 79, 5.971, 115.359

■ 75, 71.466,
110.987

■ 80, 4.546, 296.098

■ 75, 76.672,
110.980

■ 80, 15.059,
296.803

■ 75, 79.736,
111.314

■ 81, 25.534,
297.477

■ 82, 31.487,

■ 75, 80.674,
111.517

298.563

■ 82, 31.595,
300.226

■ 82, 31.728,
301.888

Harmonies

Complementary

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



77, 36.996, 113.099



56, 40.295, 299.233

Rectangle

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



77, 36.996, 113.099



77, 36.996, 163.099



77, 36.996, 293.099



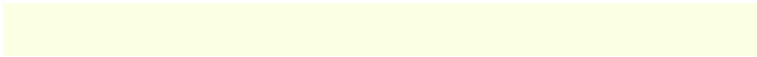
77, 36.996, 343.099

Sweetspot

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



77, 36.998, 113.102



99, 14.285, 114.949



62, 26.319, 33.140



53, 9.596, 114.845



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, 36.998, 113.102



97, 54.673, 112.533



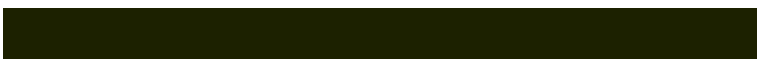
75, 41.018, 131.923



41, 5.893, 115.085



62, 69.541, 111.396



12, 18.894, 115.309

Inverse Universe

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



56, 40.295, 299.233



66, 60.997, 300.262



59, 42.446, 315.134



38, 6.019, 296.520



19, 93.803, 306.900



1, 19.554, 294.994

Previews

White Background



This preview shows how the CIELCh color 77, 36.996, 113.099 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, 36.996, 113.099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

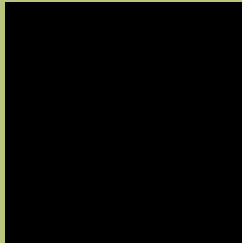
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 36.996, 113.099

Background



This preview shows how black text looks on a background with the CIELCh color 77, 36.996, 113.099.



This preview shows how white text looks on a background with the CIELCh color 77, 36.996, 113.099.

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, 36.996, 113.099

Protanopia
77, 35.559, 96.023

Deuteranopia
77, 34.434, 74.060



Tritanopia
77, 8.739, 312.774

Trichromacy



Original Color
77, 36.996, 113.099

Protanomaly
77, 35.459, 102.140

Deuteranomaly
77, 33.154, 88.804

Tritanomaly
77, 8.586, 104.270

Monochromacy



Original Color
77, 36.996, 113.099

Achromatopsia
75, 0.009, 296.813

Achromatomaly
76, 13.484, 115.491

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 36.996, 113.099 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, 196, 126)` looks like.

```
.text, #text, p{  
    color:rgb(186, 196, 126)  
}
```

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, 196, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 196, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 36.996, 113.099 is called "border". The border property can be set on classes, ids or directly on the HTML element.

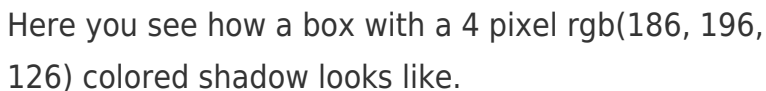
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 196, 126) }
```

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

```
.border{ border-color:rgb(186, 196, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 196, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 196, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 196, 126); box-shadow:4px 4px 4px 4px rgb(186, 196, 126) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 36.996, 113.099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 196, 126) }
```

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

```
.background{ background-color: rgb(186,  
196, 126) }
```

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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