

Converting Colors

CIELCh(78, 36.410, 106.811)

Have a look what the booklet for
CIELCh(78, 36.410, 106.811)
contains.

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Color

CIELCh(78, 36.716, 106.771)

Conversions

Conversions Part 1

Format	Color
Hex	C5C57F
RGB	197, 197, 127
RGB Percent	77%, 77%, 50%
CMY	0.2283, 0.2282, 0.5027
CMYK	0.00, 0.00, 0.36, 0.23
HSL	60°, 38%, 63%
HSV	60°, 36%, 77%
XYZ	46.7119, 53.2120, 27.8231
YIQ	189.0200, 22.4700, -21.7700

Conversions

Conversions Part 2

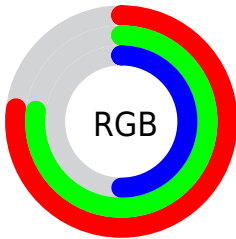
Format	Color
RYB	127, 197, 127
Decimal	12961151
CIELab	78.00, -10.59, 35.15
CIELCh	78, 36.716, 106.771
Yxy	53.2120, 0.3657, 0.4165
Android (android.graphics.Color)	4291151231 (0xFFC5C57F)
YUV	189.0200, -30.5759, 6.9985
Hunter-Lab	72.9466, -13.3526, 28.4483

Details

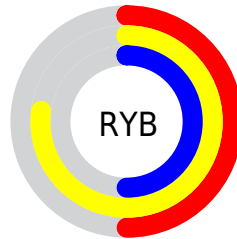
The CIELCh color $78, 36.716, 106.771$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $56, 40.131, 294.751$, and the grayscale version is $77, 0.009, 296.813$.

A 20% lighter version of the original color is $98, 36.688, 106.770$, and $58, 36.329, 106.603$ is the 20% darker color. If you saturate the color by 10%, you get $78, 46.497, 105.859$, and if you desaturate by 10%, it is $78, 26.588, 107.725$.

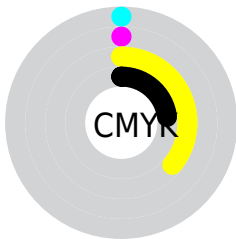
Distribution



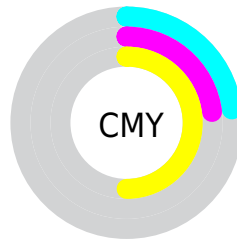
- Red (77%)
- Green (77%)
- Blue (50%)



- Red (50%)
- Yellow (77%)
- Blue (50%)



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





- Cyan (23%)
- Magenta (23%)
- Yellow (50%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 36.716, 106.771 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 78, 36.716, 106.771 by changing the saturation by 10% instead.


 78, 36.716,
106.771


 78, 36.716,
106.771


 100, 36.716,
106.771


 68, 36.716,
106.771


 98, 36.716,
106.771

 58, 36.716,
106.771

 48, 36.716,
106.771

 38, 36.716,
106.771

 28, 36.716,
106.771

 18, 36.716,
106.771

 8, 36.716, 106.771

■ 0, 36.716, 106.771

■ 78, 36.716,
106.771

■ 78, 36.716,
106.771

■ 78, 46.497,
105.859

■ 78, 26.588,
107.725

■ 78, 55.697,
105.006

■ 79, 16.257,
108.688

■ 77, 63.983,
104.250

■ 79, 5.820, 109.643

■ 77, 70.906,
103.631

■ 80, 4.661, 290.615

■ 77, 75.976,
103.186

■ 80, 15.144,
291.526

■ 77, 78.871,
102.935

■ 81, 25.602,
292.414

■ 81, 30.954,

■ 77, 79.741,
102.861

292.856

■ 81, 30.954,
292.857

■ 81, 30.954,
292.859

Harmonies

Complementary

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



78, 36.716, 106.771



56, 40.131, 294.751

Rectangle

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



78, 36.716, 106.771



78, 36.716, 156.771



78, 36.716, 286.771



78, 36.716, 336.771

Sweetspot

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



78, 36.717, 106.774



99, 14.193, 109.111



60, 29.391, 22.618



53, 9.534, 108.979



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 36.717, 106.774



98, 54.292, 106.029



75, 39.499, 127.412



42, 5.982, 109.281



65, 69.399, 102.860



13, 20.289, 105.985

Inverse Universe

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



56, 40.131, 294.751



65, 60.924, 296.194



59, 41.538, 310.821



38, 6.114, 291.150



19, 95.827, 306.288



1, 21.510, 291.750

Previews

White Background



This preview shows how the CIELCh color 78, 36.716, 106.771 looks on a white background.

Color Contrast Check

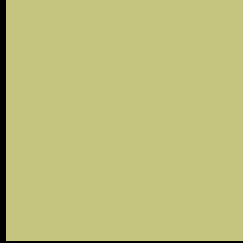
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 78, 36.716, 106.771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

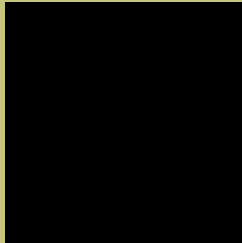
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 78, 36.716, 106.771

Background



This preview shows how black text looks on a background with the CIELCh color 78, 36.716, 106.771.



This preview shows how white text looks on a background with the CIELCh color 78, 36.716, 106.771.

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
78, 36.716, 106.771

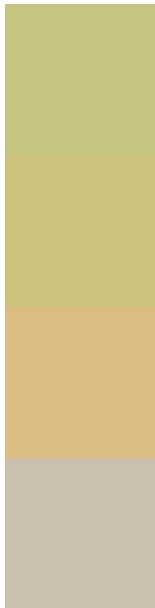
Protanopia
78, 36.562, 95.622

Deuteranopia
78, 35.313, 73.376



Tritanopia
78, 10.023, 331.837

Trichromacy



Original Color
78, 36.716, 106.771

Protanomaly
78, 36.095, 99.552

Deuteranomaly
78, 34.355, 85.737

Tritanomaly
78, 9.697, 80.958

Monochromacy



Original Color
78, 36.716, 106.771

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 13.870, 108.879

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 36.716, 106.771 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(197, 197, 127)` looks like.

```
.text, #text, p{  
    color:rgb(197, 197, 127)  
}
```

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(197, 197, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 197, 127) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 36.716, 106.771 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(197, 197, 127) }
```

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

```
.border{ border-color:rgb(197, 197, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 197, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 197, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 197, 127); box-shadow:4px 4px 4px 4px rgb(197, 197, 127) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 36.716, 106.771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 197, 127) }
```

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

```
.background{ background-color: rgb(197,  
197, 127) }
```

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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