

Converting Colors

CIELCh(78, 30.193, 126.502)

Have a look what the booklet for
CIELCh(78, 30.193, 126.502)
contains.

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Color

CIELCh(78, 30.189, 126.495)

Conversions

Conversions Part 1

Format	Color
Hex	B0C993
RGB	176, 201, 147
RGB Percent	69%, 79%, 58%
CMY	0.3092, 0.2111, 0.4229
CMYK	0.12, 0.00, 0.27, 0.21
HSL	88°, 33%, 68%
HSV	88°, 27%, 79%
XYZ	44.1462, 53.2120, 35.6136
YIQ	187.3690, 2.4340, -22.0940

Conversions

Conversions Part 2

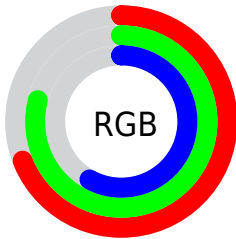
Format	Color
RYB	147, 201, 172
Decimal	11585939
CIELab	78.00, -17.95, 24.27
CIELCh	78, 30.189, 126.495
Yxy	53.2120, 0.3320, 0.4002
Android (android.graphics.Color)	4289776019 (0xFFB0C993)
YUV	187.3690, -19.9019, -9.9706
Hunter-Lab	72.9466, -19.6309, 22.1163

Details

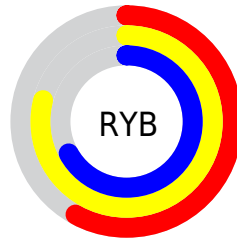
The CIELCh color **78, 30.189, 126.495** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **65, 31.430, 309.116**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 28.660, 125.400**, and **58, 30.177, 126.429** is the 20% darker color. If you saturate the color by 10%, you get **77, 41.237, 126.008**, and if you desaturate by 10%, it is **79, 18.975, 126.989**.

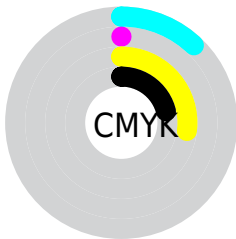
Distribution



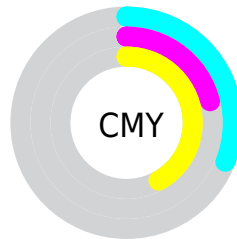
- Red (69%)
- Green (79%)
- Blue (58%)



- Red (58%)
- Yellow (79%)
- Blue (67%)



- Cyan (12%)
- Magenta (0%)
- Yellow (27%)
- Black (21%)





- Cyan (31%)
- Magenta (21%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 30.189, 126.495 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, 30.189, 126.495 by changing the saturation by 10% instead.


 78, 30.189,
126.495


 78, 30.189,
126.495


 100, 30.189,
126.495

 68, 30.189,
126.495


 98, 30.189,
126.495

 58, 30.189,
126.495

 48, 30.189,
126.495

 38, 30.189,
126.495

 28, 30.189,
126.495

 18, 30.189,
126.495

 8, 30.189, 126.495

■ 0, 30.189, 126.495

■ 78, 30.189,
126.495

■ 78, 30.189,
126.495

■ 77, 41.237,
126.008

■ 79, 18.975,
126.989

■ 76, 51.951,
125.555

■ 80, 7.702, 127.471

■ 75, 62.094,
125.189

■ 81, 3.550, 307.872

■ 83, 14.725,
308.307

■ 75, 71.330,
124.992

■ 84, 25.783,
308.687

■ 74, 79.211,
125.074

■ 85, 30.346,
312.535

■ 74, 85.258,
125.560

■ 86, 31.538,

■ 73, 89.205,
126.528

318.106

■ 73, 90.231,
126.863

■ 87, 32.999,
323.316

■ 87, 33.760,
325.599

Harmonies

Complementary

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



78, 30.189, 126.495



65, 31.430, 309.116

Rectangle

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



78, 30.189, 126.495



78, 30.189, 176.495



78, 30.189, 306.495



78, 30.189, 356.495

Sweetspot

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



78, 30.191, 126.497



99, 10.911, 127.410



72, 17.975, 66.739



53, 7.757, 127.337



0, 0.000, 0.000



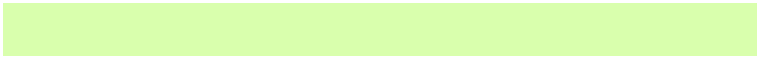
53, 0.007, 296.813

Same Dimension

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



78, 30.191, 126.497



96, 43.524, 126.221



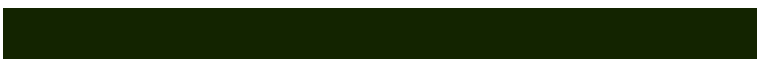
76, 34.830, 141.411



41, 6.323, 127.350



60, 77.075, 126.612



12, 22.565, 130.009

Inverse Universe

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



65, 31.430, 309.116



77, 45.734, 309.436



67, 34.925, 324.463



39, 6.416, 308.190



24, 89.976, 311.193



2, 22.227, 304.610

Previews

White Background



This preview shows how the CIELCh color 78, 30.189, 126.495 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, 30.189, 126.495 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, 30.189, 126.495

Background



This preview shows how black text looks on a background with the CIELCh color 78, 30.189, 126.495.



This preview shows how white text looks on a background with the CIELCh color 78, 30.189, 126.495.

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, 30.189, 126.495

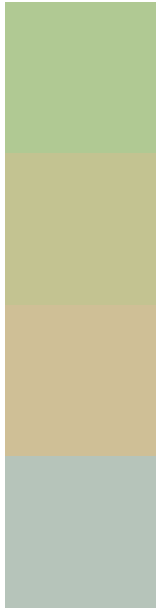
Protanopia
78, 26.643, 95.396

Deuteranopia
78, 24.616, 67.046



Tritanopia
78, 8.461, 271.448

Trichromacy



Original Color
78, 30.189, 126.495

Protanomaly
78, 26.468, 107.713

Deuteranomaly
78, 22.776, 91.689

Tritanomaly
78, 7.477, 153.274

Monochromacy



Original Color
78, 30.189, 126.495

Achromatopsia
76, 0.009, 296.813

Achromatomaly
77, 11.246, 126.835

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 30.189, 126.495 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(176, 201, 147)` looks like.

```
.text, #text, p{  
    color:rgb(176, 201, 147)  
}
```

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(176, 201, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 201, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 30.189, 126.495 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(176, 201, 147) }
```

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

```
.border{ border-color:rgb(176, 201, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 201, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 201, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 201, 147);  
box-shadow:4px 4px 4px 4px rgb(176, 201,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 30.189, 126.495 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 201, 147) }
```

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

```
.background{ background-color: rgb(176,  
201, 147) }
```

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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