

Converting Colors

CIELCh(79, 27.208, 126.259)

Have a look what the booklet for
CIELCh(79, 27.208, 126.259)
contains.

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Color

CIELCh(79, 27.274, 126.117)

Conversions

Conversions Part 1

Format	Color
Hex	B5CB9A
RGB	181, 203, 154
RGB Percent	71%, 80%, 60%
CMY	0.2898, 0.2035, 0.3957
CMYK	0.11, 0.00, 0.24, 0.20
HSL	87°, 32%, 70%
HSV	87°, 24%, 80%
XYZ	46.2970, 54.9284, 38.7738
YIQ	190.8360, 2.6170, -19.9030

Conversions

Conversions Part 2

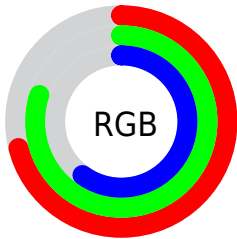
Format	Color
RYB	154, 203, 176
Decimal	11914138
CIELab	79.00, -16.08, 22.03
CIELCh	79, 27.274, 126.117
Yxy	54.9284, 0.3307, 0.3923
Android (android.graphics.Color)	4290104218 (0xFFB5CB9A)
YUV	190.8360, -18.1601, -8.6262
Hunter-Lab	74.1137, -18.1944, 20.8611

Details

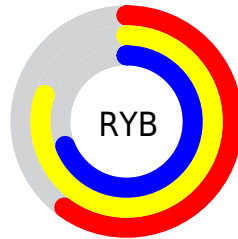
The CIELCh color **79, 27.274, 126.117** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **67, 28.302, 308.491**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 24.249, 124.268**, and **59, 27.106, 126.094** is the 20% darker color. If you saturate the color by 10%, you get **78, 38.426, 125.623**, and if you desaturate by 10%, it is **80, 15.987, 126.614**.

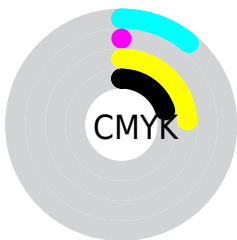
Distribution



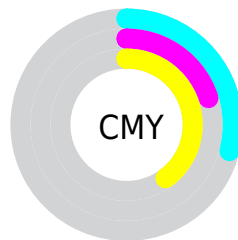
- Red (71%)
- Green (80%)
- Blue (60%)



- Red (60%)
- Yellow (80%)
- Blue (69%)



- Cyan (11%)
- Magenta (0%)
- Yellow (24%)
- Black (20%)





- Cyan (29%)
- Magenta (20%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 79, 27.274, 126.117 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 79, 27.274, 126.117 by changing the saturation by 10% instead.


 79, 27.274,
126.117

 79, 27.274,
126.117

 100, 27.274,
126.117


 69, 27.274,
126.117


 99, 27.274,
126.117

 59, 27.274,
126.117

 49, 27.274,
126.117

 39, 27.274,
126.117

 29, 27.274,
126.117

 19, 27.274,
126.117

 9, 27.274, 126.117

■ 0, 27.274, 126.117

■ 79, 27.274,
126.117

■ 79, 27.274,
126.117

■ 78, 38.426,
125.623

■ 80, 15.987,
126.614

■ 77, 49.289,
125.153

■ 81, 4.661, 127.103

■ 76, 59.650,
124.757

■ 82, 6.631, 307.509

■ 76, 69.198,
124.506

■ 84, 17.836,
307.929

■ 75, 77.509,
124.502

■ 85, 28.598,
308.485

■ 74, 84.094,
124.871

■ 86, 29.582,
314.361

■ 87, 30.850,

■ 74, 88.573,
125.718

319.902

■ 74, 90.465,
126.363

■ 88, 32.376,
325.047

■ 88, 32.548,
325.557

Harmonies

Complementary

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



79, 27.274, 126.117



67, 28.302, 308.491

Rectangle

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



79, 27.274, 126.117



79, 27.274, 176.117



79, 27.274, 306.117



79, 27.274, 356.117

Sweetspot

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



79, 27.276, 126.119



99, 9.516, 126.956



73, 16.070, 65.197



53, 6.184, 126.926



0, 0.000, 0.000



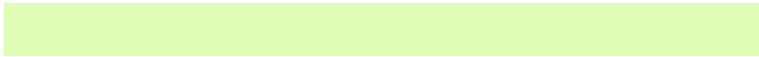
53, 0.007, 296.813

Same Dimension

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



79, 27.276, 126.119



96, 39.365, 125.857



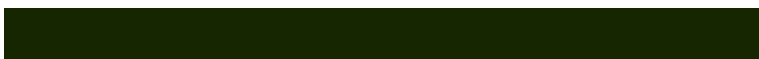
77, 31.382, 141.193



43, 6.437, 126.844



61, 77.618, 126.122



13, 24.102, 128.498

Inverse Universe

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



67, 28.302, 308.491



79, 41.208, 308.795



69, 31.492, 323.846



40, 6.534, 307.702



24, 91.292, 310.891



2, 24.321, 304.801

Previews

White Background



This preview shows how the CIELCh color 79, 27.274, 126.117 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 79, 27.274, 126.117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

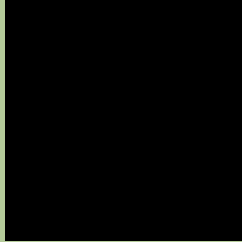
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 27.274, 126.117

Background



This preview shows how black text looks on a background with the CIELCh color 79, 27.274, 126.117.

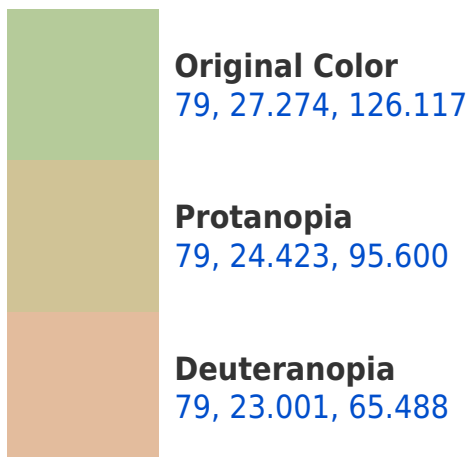


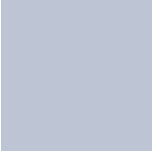
This preview shows how white text looks on a background with the CIELCh color 79, 27.274, 126.117.

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](#).

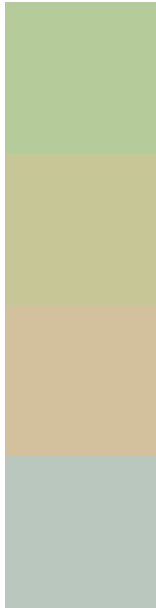
Dichromacy





Tritanopia
79, 8.335, 273.705

Trichromacy



Original Color
79, 27.274, 126.117

Protanomaly
79, 24.834, 107.893

Deuteranomaly
79, 20.831, 89.320

Tritanomaly
79, 6.809, 154.197

Monochromacy



Original Color
79, 27.274, 126.117

Achromatopsia
77, 0.009, 296.813

Achromatomaly
78, 9.581, 127.654

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 27.274, 126.117 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(181, 203, 154)` looks like.

```
.text, #text, p{  
    color:rgb(181, 203, 154)  
}
```

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(181, 203, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 203, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 27.274, 126.117 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(181, 203, 154) }
```

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

```
.border{ border-color:rgb(181, 203, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 203, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 203, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 203, 154); box-shadow:4px 4px 4px 4px rgb(181, 203, 154) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 27.274, 126.117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 203, 154) }
```

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

```
.background{ background-color: rgb(181,  
203, 154) }
```

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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