

Converting Colors

CIELCh(79, 26.741, 120.501)

Have a look what the booklet for
CIELCh(79, 26.741, 120.501)
contains.

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Color

CIELCh(79, 27.028, 120.373)

Conversions

Conversions Part 1

Format	Color
Hex	BBCA98
RGB	187, 202, 152
RGB Percent	73%, 79%, 60%
CMY	0.2676, 0.2087, 0.4048
CMYK	0.07, 0.00, 0.25, 0.21
HSL	78°, 32%, 69%
HSV	78°, 25%, 79%
XYZ	47.1531, 54.9284, 37.7280
YIQ	191.8150, 7.1100, -18.7300

Conversions

Conversions Part 2

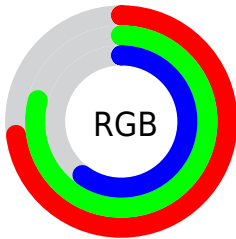
Format	Color
RYB	152, 202, 167
Decimal	12307096
CIELab	79.00, -13.67, 23.32
CIELCh	79, 27.028, 120.373
Yxy	54.9284, 0.3373, 0.3929
Android (android.graphics.Color)	4290497176 (0xFFBBCA98)
YUV	191.8150, -19.6288, -4.2228
Hunter-Lab	74.1137, -16.1324, 21.6977

Details

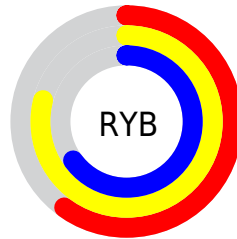
The CIELCh color **79, 27.028, 120.373** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **66, 28.372, 303.429**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 24.621, 117.881**, and **59, 26.917, 120.776** is the 20% darker color. If you saturate the color by 10%, you get **78, 37.721, 119.796**, and if you desaturate by 10%, it is **80, 16.165, 120.964**.

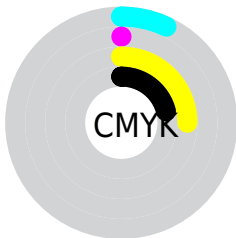
Distribution



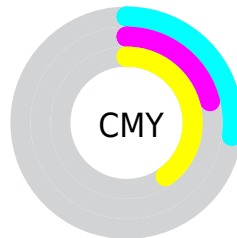
- Red (73%)
- Green (79%)
- Blue (60%)



- Red (60%)
- Yellow (79%)
- Blue (65%)



- Cyan (7%)
- Magenta (0%)
- Yellow (25%)
- Black (21%)





- Cyan (27%)
- Magenta (21%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 27.028, 120.373 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, 27.028, 120.373 by changing the saturation by 10% instead.


 79, 27.028,
120.373

 79, 27.028,
120.373

 100, 27.028,
120.373


 69, 27.028,
120.373


 99, 27.028,
120.373

 59, 27.028,
120.373

 49, 27.028,
120.373

 39, 27.028,
120.373

 29, 27.028,
120.373

 19, 27.028,
120.373

 9, 27.028, 120.373

■ 0, 27.028, 120.373

■ 79, 27.028,
120.373

■ 79, 27.028,
120.373

■ 78, 37.721,
119.796

■ 80, 16.165,
120.964

■ 77, 48.092,
119.255

■ 81, 5.223, 121.547

■ 77, 57.927,
118.798

■ 82, 5.727, 302.083

■ 76, 66.910,
118.493

■ 83, 16.638,
302.612

■ 76, 74.609,
118.432

■ 84, 27.476,
303.104

■ 75, 80.536,
118.726

■ 85, 29.105,
306.663

■ 85, 29.659,

■ 75, 84.333,
119.468

310.547

■ 75, 85.736,
119.970

■ 86, 30.341,
314.318

■ 86, 31.144,
317.950

Harmonies

Complementary

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



79, 27.028, 120.373



66, 28.372, 303.429

Rectangle

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



79, 27.028, 120.373



79, 27.028, 170.373



79, 27.028, 300.373



79, 27.028, 350.373

Sweetspot

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



79, 27.030, 120.376



99, 9.261, 121.412



71, 16.382, 50.031



53, 6.018, 121.376



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, 27.030, 120.376



97, 39.466, 120.046



77, 30.719, 137.553



43, 6.263, 121.278



62, 73.986, 119.767



13, 22.975, 121.902

Inverse Universe

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



66, 28.372, 303.429



77, 41.945, 303.871



68, 31.073, 319.904



40, 6.380, 302.357



22, 93.970, 308.401



2, 23.888, 300.163

Previews

White Background



This preview shows how the CIELCh color 79, 27.028, 120.373 looks on a white background.

Color Contrast Check

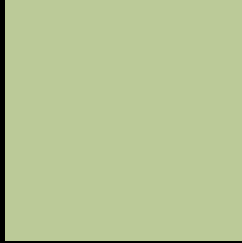
Large Text (above 18pt) WCAG AA × Fail

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, 27.028, 120.373 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

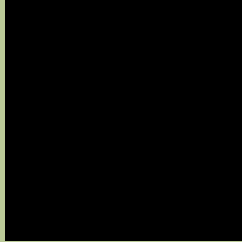
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 79, 27.028, 120.373

Background



This preview shows how black text looks on a background with the CIELCh color 79, 27.028, 120.373.



This preview shows how white text looks on a background with the CIELCh color 79, 27.028, 120.373.

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
79, 27.028, 120.373

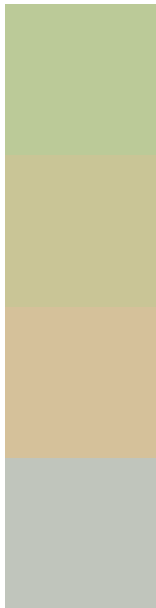
Protanopia
79, 25.029, 94.883

Deuteranopia
79, 24.111, 66.349



Tritanopia
79, 8.036, 293.448

Trichromacy



Original Color
79, 27.028, 120.373

Protanomaly
79, 24.902, 104.201

Deuteranomaly
79, 22.264, 87.107

Tritanomaly
79, 5.153, 130.822

Monochromacy



Original Color
79, 27.028, 120.373

Achromatopsia
78, 0.009, 296.813

Achromatomaly
78, 10.386, 121.864

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 27.028, 120.373 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(187, 202, 152)` looks like.

```
.text, #text, p{  
    color:rgb(187, 202, 152)  
}
```

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(187, 202, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 202, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 27.028, 120.373 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(187, 202, 152) }
```

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

```
.border{ border-color:rgb(187, 202, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 202, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 202, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 202, 152);  
box-shadow:4px 4px 4px 4px rgb(187, 202,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 27.028, 120.373 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 202, 152) }
```

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

```
.background{ background-color: rgb(187,  
202, 152) }
```

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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