

Converting Colors

CIELCh(80, 26.962, 123.343)

Have a look what the booklet for
CIELCh(80, 26.962, 123.343)
contains.

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Color

CIELCh(80, 26.752, 123.056)

Conversions

Conversions Part 1

Format	Color
Hex	BBCD9C
RGB	187, 205, 156
RGB Percent	73%, 80%, 61%
CMY	0.2663, 0.1957, 0.3879
CMYK	0.09, 0.00, 0.24, 0.20
HSL	82°, 33%, 71%
HSV	82°, 24%, 80%
XYZ	48.3730, 56.6813, 39.8792
YIQ	194.0320, 5.0010, -19.0550

Conversions

Conversions Part 2

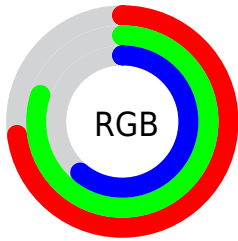
Format	Color
RYB	156, 205, 174
Decimal	12307868
CIELab	80.00, -14.59, 22.42
CIELCh	80, 26.752, 123.056
Yxy	56.6813, 0.3338, 0.3911
Android (android.graphics.Color)	4290497948 (0xFFBBCD9C)
YUV	194.0320, -18.7498, -6.1671
Hunter-Lab	75.2870, -17.0633, 21.2952

Details

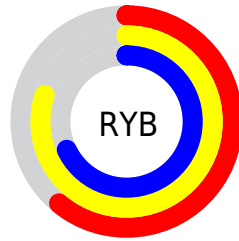
The CIELCh color **80, 26.752, 123.056** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **67, 27.911, 305.687**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 22.718, 119.726**, and **60, 27.169, 123.311** is the 20% darker color. If you saturate the color by 10%, you get **79, 37.768, 122.525**, and if you desaturate by 10%, it is **81, 15.586, 123.596**.

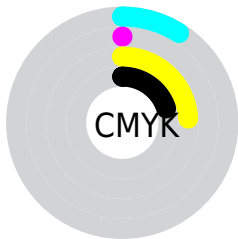
Distribution



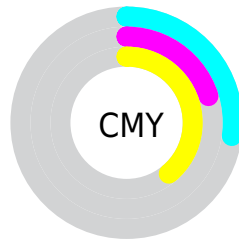
- Red (73%)
- Green (80%)
- Blue (61%)



- Red (61%)
- Yellow (80%)
- Blue (68%)



- Cyan (9%)
- Magenta (0%)
- Yellow (24%)
- Black (20%)





- Cyan (27%)
- Magenta (20%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 26.752, 123.056 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 80, 26.752, 123.056 by changing the saturation by 10% instead.


 80, 26.752,
123.056


 80, 26.752,
123.056


 100, 26.752,
123.056


 70, 26.752,
123.056

 60, 26.752,
123.056

 50, 26.752,
123.056

 40, 26.752,
123.056

 30, 26.752,
123.056

 20, 26.752,
123.056

 10, 26.752,

123.056

■ 0, 26.752, 123.056

■ 80, 26.752,
123.056

■ 80, 26.752,
123.056

■ 79, 37.768,
122.525

■ 81, 15.586,
123.596

■ 78, 48.485,
122.024

■ 82, 4.362, 124.129

■ 78, 58.691,
121.602

■ 83, 6.849, 304.596

■ 77, 68.075,
121.327

■ 84, 17.998,
305.067

■ 76, 76.212,
121.297

■ 85, 27.209,
306.354

■ 86, 27.927,
311.508

■ 76, 82.609,
121.629

■ 87, 28.854,
316.441

■ 75, 86.880,
122.429

■ 87, 29.977,
321.101

■ 75, 88.686,
123.084

■ 88, 31.279,
325.457

Harmonies

Complementary

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



80, 26.752, 123.056



67, 27.911, 305.687

Rectangle

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



80, 26.752, 123.056



80, 26.752, 173.056



80, 26.752, 303.056



80, 26.752, 353.056

Sweetspot

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



80, 26.754, 123.058



99, 9.365, 123.957



73, 15.851, 57.672



53, 6.086, 123.925



0, 0.000, 0.000



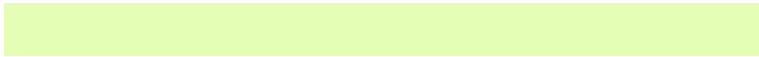
53, 0.007, 296.813

Same Dimension

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



80, 26.754, 123.058



97, 38.662, 122.765



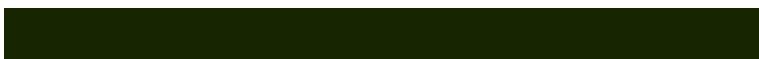
78, 30.660, 139.456



43, 6.334, 123.835



62, 75.564, 122.843



13, 23.453, 125.045

Inverse Universe

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



67, 27.911, 305.687



78, 40.772, 306.057



70, 30.877, 321.878



40, 6.443, 304.799



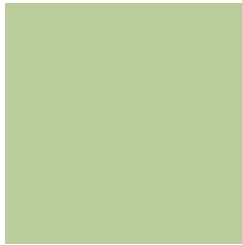
23, 92.817, 309.394



2, 24.050, 302.118

Previews

White Background



This preview shows how the CIELCh color 80, 26.752, 123.056 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 80, 26.752, 123.056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

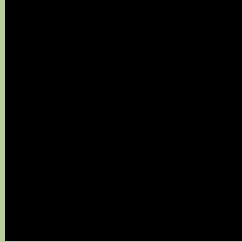
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 26.752, 123.056

Background



This preview shows how black text looks on a background with the CIELCh color 80, 26.752, 123.056.

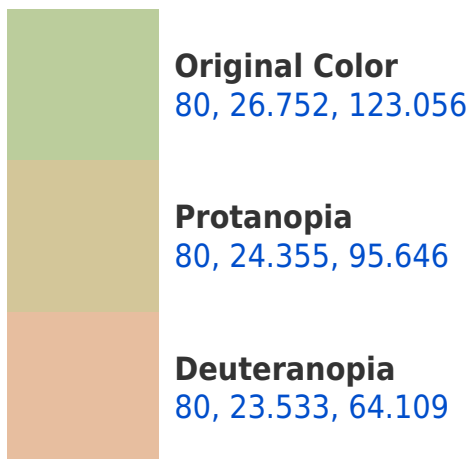


This preview shows how white text looks on a background with the CIELCh color 80, 26.752, 123.056.

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
80, 8.551, 286.209

Trichromacy



Original Color
80, 26.752, 123.056

Protanomaly
80, 24.769, 107.008

Deuteranomaly
80, 21.228, 86.273

Tritanomaly
80, 5.198, 144.267

Monochromacy



Original Color
80, 26.752, 123.056

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 9.948, 124.655

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 26.752, 123.056 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, 205, 156)` looks like.

```
.text, #text, p{  
    color:rgb(187, 205, 156)  
}
```

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, 205, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 205, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 26.752, 123.056 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, 205, 156) }
```

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

```
.border{ border-color:rgb(187, 205, 156) }
```

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

Here you see how a box with a 4 pixel rgb(187, 205, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 205, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 205, 156);  
box-shadow:4px 4px 4px 4px rgb(187, 205,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 26.752, 123.056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 205, 156) }
```

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

```
.background{ background-color: rgb(187,  
205, 156) }
```

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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