

Converting Colors

CIELCh(80, 24.365, 126.714)

Have a look what the booklet for
CIELCh(80, 24.365, 126.714)
contains.

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Color

CIELCh(80, 23.993, 126.863)

Conversions

Conversions Part 1

Format	Color
Hex	B9CDA2
RGB	185, 205, 162
RGB Percent	73%, 80%, 64%
CMY	0.2739, 0.1955, 0.3641
CMYK	0.10, 0.00, 0.21, 0.20
HSL	88°, 30%, 72%
HSV	88°, 21%, 80%
XYZ	48.4453, 56.6813, 42.6374
YIQ	194.1180, 1.8830, -17.6130

Conversions

Conversions Part 2

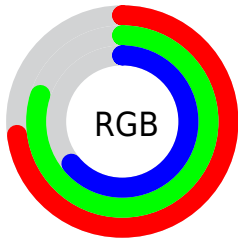
Format	Color
RYB	162, 205, 182
Decimal	12176802
CIELab	80.00, -14.39, 19.20
CIELCh	80, 23.993, 126.863
Yxy	56.6813, 0.3279, 0.3836
Android (android.graphics.Color)	4290366882 (0xFFB9CDA2)
YUV	194.1180, -15.8342, -7.9965
Hunter-Lab	75.2870, -16.8920, 19.1231

Details

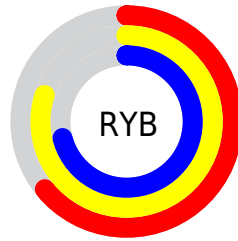
The CIELCh color $80, 23.993, 126.863$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $70, 24.746, 308.866$, and the grayscale version is $79, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 19.949, 123.571$, and $60, 24.172, 126.525$ is the 20% darker color. If you saturate the color by 10%, you get $79, 35.342, 126.371$, and if you desaturate by 10%, it is $81, 12.547, 127.351$.

Distribution



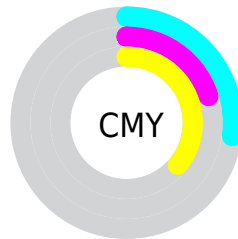
- Red (73%)
- Green (80%)
- Blue (64%)



- Red (64%)
- Yellow (80%)
- Blue (71%)



- Cyan (10%)
- Magenta (0%)
- Yellow (21%)
- Black (20%)




- Cyan (27%)
- Magenta (20%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 23.993, 126.863 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, 23.993, 126.863 by changing the saturation by 10% instead.


 80, 23.993,
126.863

 80, 23.993,
126.863


 100, 23.993,
126.863


 70, 23.993,
126.863

 60, 23.993,
126.863

 50, 23.993,
126.863

 40, 23.993,
126.863

 30, 23.993,
126.863

 20, 23.993,
126.863

 10, 23.993,

126.863

■ 0, 23.993, 126.863

■ 80, 23.993,
126.863

■ 80, 23.993,
126.863

■ 79, 35.342,
126.371

■ 81, 12.547,
127.351

■ 78, 46.456,
125.892

■ 82, 1.092, 127.899

■ 77, 57.142,
125.467

■ 84, 10.305,
308.215

■ 76, 67.118,
125.160

■ 85, 21.597,
308.611

■ 76, 75.991,
125.065

■ 86, 27.949,
311.871

■ 87, 29.176,

■ 75, 83.277,
125.302

318.058

■ 75, 88.526,
125.991

■ 88, 30.708,
323.788

■ 74, 91.649,
126.962

■ 88, 31.256,
325.512

Harmonies

Complementary

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



80, 23.993, 126.863



70, 24.746, 308.866

Rectangle

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



80, 23.993, 126.863



80, 23.993, 176.863



80, 23.993, 306.863



80, 23.993, 356.863

Sweetspot

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



80, 23.995, 126.865



99, 8.182, 127.585



75, 14.029, 67.400



53, 5.428, 127.553



0, 0.000, 0.000



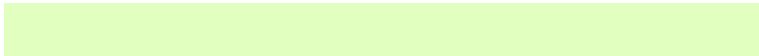
53, 0.007, 296.813

Same Dimension

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



80, 23.995, 126.865



97, 34.111, 126.650



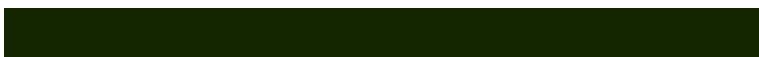
79, 27.629, 141.844



43, 6.460, 127.426



61, 78.030, 126.710



13, 24.237, 129.133

Inverse Universe

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



70, 24.746, 308.866



82, 35.419, 309.105



72, 27.700, 324.166



40, 6.554, 308.267



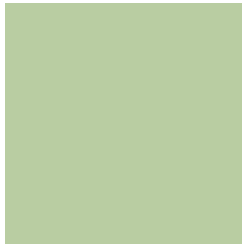
25, 90.981, 311.225



2, 24.386, 305.371

Previews

White Background



This preview shows how the CIELCh color 80, 23.993, 126.863 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, 23.993, 126.863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

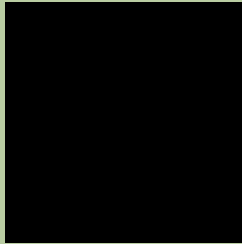
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

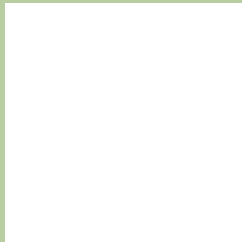
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 23.993, 126.863

Background



This preview shows how black text looks on a background with the CIELCh color 80, 23.993, 126.863.

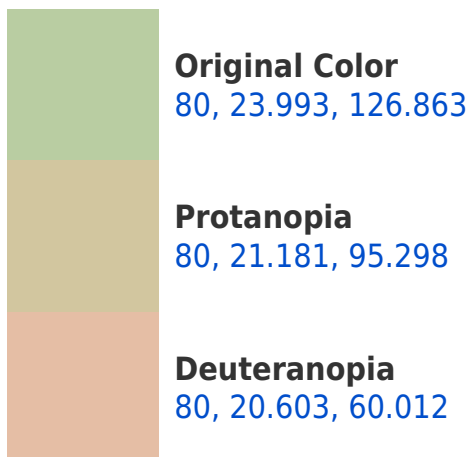


This preview shows how white text looks on a background with the CIELCh color 80, 23.993, 126.863.

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, 8.675, 279.249

Trichromacy



Original Color
80, 23.993, 126.863

Protanomaly
80, 21.636, 108.213

Deuteranomaly
80, 18.270, 87.071

Tritanomaly
80, 5.160, 160.927

Monochromacy



Original Color
80, 23.993, 126.863

Achromatopsia
78, 0.009, 296.813

Achromatomaly
79, 8.927, 126.491

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 23.993, 126.863 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(185, 205, 162)` looks like.

```
.text, #text, p{  
    color:rgb(185, 205, 162)  
}
```

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(185, 205, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 205, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 23.993, 126.863 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(185, 205, 162) }
```

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

```
.border{ border-color:rgb(185, 205, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 205, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 205, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 205, 162);  
box-shadow:4px 4px 4px 4px rgb(185, 205,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 23.993, 126.863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 205, 162) }
```

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

```
.background{ background-color: rgb(185,  
205, 162) }
```

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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