

Converting Colors

CIELCh(80, 9.813, 126.407)

Have a look what the booklet for
CIELCh(80, 9.813, 126.407) contains.

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Color

CIELCh(80, 9.526, 127.666)

Conversions

Conversions Part 1

Format	Color
Hex	C1C9B8
RGB	193, 201, 184
RGB Percent	76%, 79%, 72%
CMY	0.2425, 0.2111, 0.2778
CMYK	0.04, 0.00, 0.08, 0.21
HSL	88°, 14%, 76%
HSV	88°, 8%, 79%
XYZ	51.6321, 56.6813, 53.6597
YIQ	196.6700, 0.6890, -6.9830

Conversions

Conversions Part 2

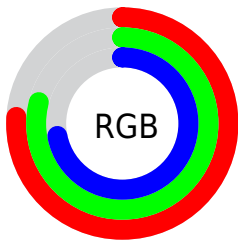
Format	Color
RYB	184, 201, 192
Decimal	12700088
CIELab	80.00, -5.82, 7.54
CIELCh	80, 9.526, 127.666
Yxy	56.6813, 0.3188, 0.3499
Android (android.graphics.Color)	4290890168 (0xFFC1C9B8)
YUV	196.6700, -6.2463, -3.2186
Hunter-Lab	75.2870, -9.3362, 10.4428

Details

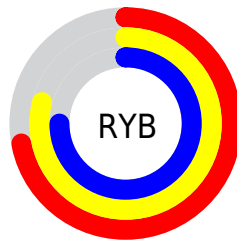
The CIELCh color **80, 9.526, 127.666** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76, 9.655, 308.414**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 7.915, 125.226**, and **60, 9.568, 128.609** is the 20% darker color. If you saturate the color by 10%, you get **79, 20.819, 127.190**, and if you desaturate by 10%, it is **81, 1.750, 308.044**.

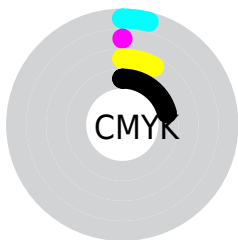
Distribution



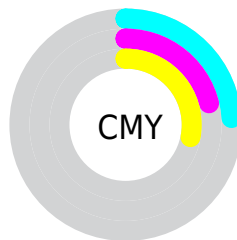
- Red (76%)
- Green (79%)
- Blue (72%)



- Red (72%)
- Yellow (79%)
- Blue (75%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (21%)



- Cyan (24%)
- Magenta (21%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 9.526, 127.666 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, 9.526, 127.666 by changing the saturation by 10% instead.

■ 80, 9.526, 127.666

■ 80, 9.526, 127.666

■ 100, 9.526,
127.666

■ 70, 9.526, 127.666

■ 60, 9.526, 127.666

■ 50, 9.526, 127.666

■ 40, 9.526, 127.666

■ 30, 9.526, 127.666

■ 20, 9.526, 127.666

■ 10, 9.526, 127.666

■ 0, 9.526, 127.666

■ 80, 9.526, 127.666

■ 80, 9.526, 127.666

79, 20.819,
127.190

81, 1.750, 308.044

78, 32.040,
126.699

83, 12.957,
308.511

77, 43.069,
126.215

84, 24.050,
308.893

76, 53.734,
125.772

85, 30.232,
311.917

75, 63.783,
125.427

86, 31.415,
317.615

74, 72.859,
125.265

87, 32.879,
322.944

74, 80.501,
125.402

87, 33.757,
325.598

73, 86.240,
125.962

73, 89.956,

126.978

Harmonies

Complementary

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



80, 9.526, 127.666



76, 9.655, 308.414

Rectangle

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



80, 9.526, 127.666



80, 9.526, 177.666



80, 9.526, 307.666



80, 9.526, 357.666

Sweetspot

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



80, 9.528, 127.671



100, 4.087, 127.937



78, 5.425, 70.668



53, 3.101, 127.894



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, 9.528, 127.671



99, 13.668, 127.590



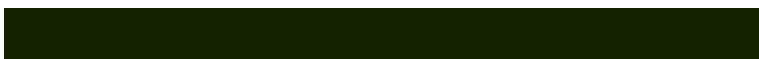
79, 10.963, 143.105



41, 6.334, 127.627



60, 77.269, 126.888



12, 22.629, 130.312

Inverse Universe

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



76, 9.655, 308.414



93, 13.879, 308.497



77, 10.987, 323.971



39, 6.426, 308.460



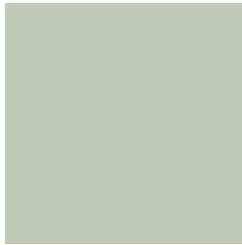
24, 89.830, 311.357



2, 22.255, 304.878

Previews

White Background



This preview shows how the CIELCh color 80, 9.526, 127.666 looks on a white background.

Color Contrast Check

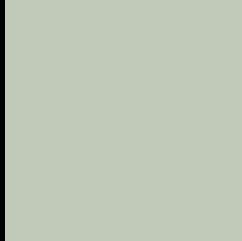
Large Text (above 18pt) WCAG AA × Fail

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, 9.526, 127.666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

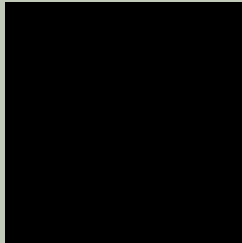
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

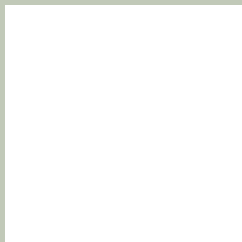
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 9.526, 127.666

Background



This preview shows how black text looks on a background with the CIELCh color 80, 9.526, 127.666.



This preview shows how white text looks on a background with the CIELCh color 80, 9.526, 127.666.

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

80, 9.526, 127.666

Protanopia

80, 8.510, 88.519

Deuteranopia

80, 12.153, 32.819



Tritanopia
80, 8.533, 290.946

Trichromacy



Original Color
80, 9.526, 127.666

Protanomaly
80, 8.512, 104.311

Deuteranomaly
80, 8.358, 59.053

Tritanomaly
80, 2.380, 263.306

Monochromacy



Original Color
80, 9.526, 127.666

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 3.887, 126.396

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 9.526, 127.666 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(193, 201, 184)` looks like.

```
.text, #text, p{  
    color:rgb(193, 201, 184)  
}
```

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(193, 201, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 201, 184) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 9.526, 127.666 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(193, 201, 184) }
```

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

```
.border{ border-color:rgb(193, 201, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 201, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 201, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 201, 184);  
box-shadow:4px 4px 4px 4px rgb(193, 201,  
184) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 9.526, 127.666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 201, 184) }
```

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

```
.background{ background-color: rgb(193,  
201, 184) }
```

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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