

Converting Colors

CIELCh(80, 6.088, 125.248)

Have a look what the booklet for
CIELCh(80, 6.088, 125.248) contains.

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Color

CIELCh(80, 6.035, 123.902)

Conversions

Conversions Part 1

Format	Color
Hex	C4C8BD
RGB	196, 200, 189
RGB Percent	77%, 78%, 74%
CMY	0.2316, 0.2159, 0.2590
CMYK	0.02, 0.00, 0.06, 0.22
HSL	82°, 9%, 76%
HSV	82°, 6%, 78%
XYZ	52.5698, 56.6813, 56.2810
YIQ	197.5500, 1.1470, -4.2690

Conversions

Conversions Part 2

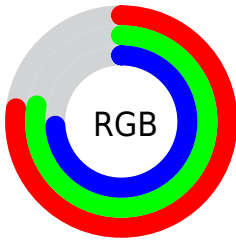
Format	Color
RYB	189, 200, 193
Decimal	12896445
CIELab	80.00, -3.37, 5.01
CIElCh	80, 6.035, 123.902
Yxy	56.6813, 0.3176, 0.3424
Android (android.graphics.Color)	4291086525 (0xFFC4C8BD)
YUV	197.5500, -4.2151, -1.3593
Hunter-Lab	75.2870, -7.1131, 8.3784

Details

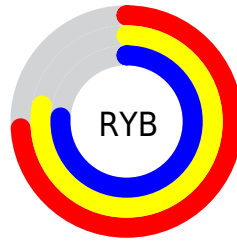
The CIELCh color `80, 6.035, 123.902` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `77, 6.110, 304.452`, and the grayscale version is `80, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 5.118, 117.731`, and `60, 5.856, 125.189` is the 20% darker color. If you saturate the color by 10%, you get `79, 17.020, 123.377`, and if you desaturate by 10%, it is `81, 4.944, 304.385`.

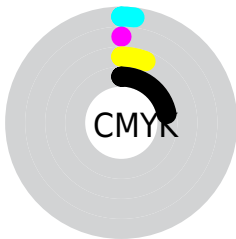
Distribution



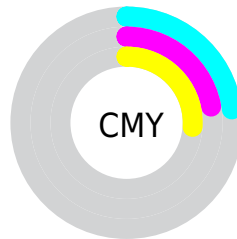
- Red (77%)
- Green (78%)
- Blue (74%)



- Red (74%)
- Yellow (78%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (22%)



- Cyan (23%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 6.035, 123.902 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, 6.035, 123.902 by changing the saturation by 10% instead.

■ 80, 6.035, 123.902

■ 80, 6.035, 123.902

■ 100, 6.035,
123.902

■ 70, 6.035, 123.902

■ 60, 6.035, 123.902

■ 50, 6.035, 123.902

■ 40, 6.035, 123.902

■ 30, 6.035, 123.902

■ 20, 6.035, 123.902

■ 10, 6.035, 123.902

■ 0, 6.035, 123.902

■ 80, 6.035, 123.902

■ 80, 6.035, 123.902

79, 17.020,
123.377

81, 4.944, 304.385

78, 27.936,
122.837

82, 15.872,
304.866

77, 38.681,
122.306

83, 26.712,
305.306

76, 49.108,
121.812

84, 30.396,
308.598

76, 58.995,
121.406

85, 31.143,
313.032

75, 68.022,
121.160

85, 32.062,
317.296

75, 75.758,
121.174

86, 33.143,
321.355

74, 81.722,
121.567

87, 34.375,
325.189

74, 85.581,

87, 34.529,
325.625

122.433

Harmonies

Complementary

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



80, 6.035, 123.902



77, 6.110, 304.452

Rectangle

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



80, 6.035, 123.902



80, 6.035, 173.902



80, 6.035, 303.902



80, 6.035, 353.902

Sweetspot

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



80, 6.037, 123.910



100, 2.665, 124.108



78, 3.351, 57.156



53, 1.515, 124.115



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, 6.037, 123.910



99, 9.359, 123.825



80, 6.826, 140.058



42, 4.958, 123.804



61, 74.609, 122.670



12, 21.792, 125.794

Inverse Universe

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



77, 6.110, 304.452



95, 9.490, 304.541



78, 6.855, 320.504



39, 5.030, 304.564



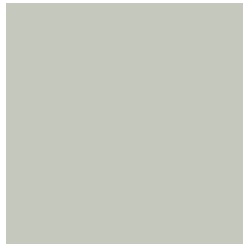
22, 91.811, 309.349



2, 21.940, 301.408

Previews

White Background



This preview shows how the CIELCh color 80, 6.035, 123.902 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 80, 6.035, 123.902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

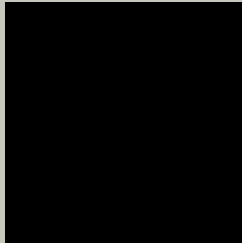
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

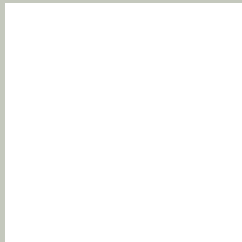
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 6.035, 123.902

Background



This preview shows how black text looks on a background with the CIELCh color 80, 6.035, 123.902.

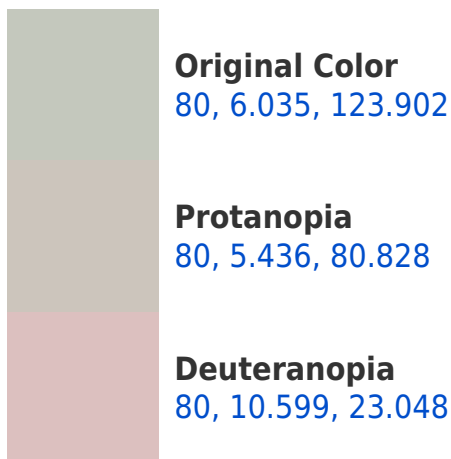



This preview shows how white text looks on a background with the CIELCh color 80, 6.035, 123.902.

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, 8.622, 298.053

Trichromacy



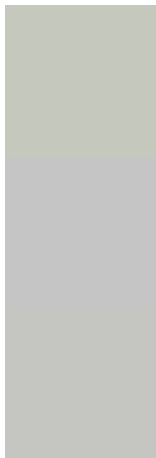
Original Color
80, 6.035, 123.902

Protanomaly
80, 5.414, 97.717

Deuteranomaly
80, 6.569, 43.532

Tritanomaly
80, 3.761, 296.042

Monochromacy



Original Color
80, 6.035, 123.902

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 2.155, 119.800

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 6.035, 123.902 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(196, 200, 189)` looks like.

```
.text, #text, p{  
    color:rgb(196, 200, 189)  
}
```

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(196, 200, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 200, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 6.035, 123.902 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(196, 200, 189) }
```

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

```
.border{ border-color:rgb(196, 200, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 200, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 200, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 200, 189);  
box-shadow:4px 4px 4px 4px rgb(196, 200,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 6.035, 123.902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 200, 189) }
```

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

```
.background{ background-color: rgb(196,  
200, 189) }
```

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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