

Converting Colors

CIELCh(80, 8.477, 97.472)

Have a look what the booklet for
CIELCh(80, 8.477, 97.472) contains.

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Color

CIELCh(80, 8.169, 96.053)

Conversions

Conversions Part 1

Format	Color
Hex	CBC6B7
RGB	203, 198, 183
RGB Percent	80%, 78%, 72%
CMY	0.2028, 0.2224, 0.2813
CMYK	0.00, 0.02, 0.10, 0.20
HSL	45°, 16%, 76%
HSV	45°, 10%, 80%
XYZ	53.5381, 56.6813, 53.0680
YIQ	197.7850, 7.7950, -3.6050

Conversions

Conversions Part 2

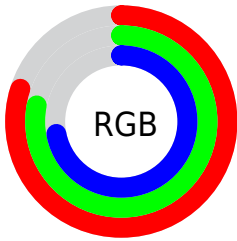
Format	Color
R_{YB}	190, 203, 183
Decimal	13354679
CIE Lab	80.00, -0.86, 8.12
CIE LCh	80, 8.169, 96.053
Yxy	56.6813, 0.3279, 0.3471
Android (android.graphics.Color)	4291544759 (0xFFCBC6B7)
YUV	197.7850, -7.2890, 4.5736
Hunter-Lab	75.2870, -4.8172, 10.9088

Details

The CIELCh color **80, 8.169, 96.053** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76, 8.234, 278.486**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 8.099, 109.562**, and **60, 8.123, 94.836** is the 20% darker color. If you saturate the color by 10%, you get **78, 16.579, 94.864**, and if you desaturate by 10%, it is **82, 0.140, 278.606**.

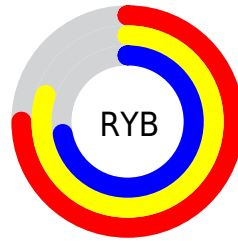
Distribution



Red (80%)

Green (78%)

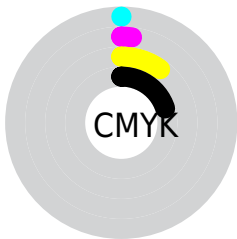
Blue (72%)



Red (75%)

Yellow (80%)

Blue (72%)

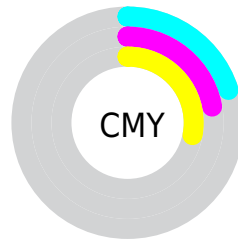


Cyan (0%)

Magenta (2%)

Yellow (10%)

Black (20%)



Cyan (20%)

Magenta (22%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 8.169, 96.053 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, 8.169, 96.053 by changing the saturation by 10% instead.

80, 8.169, 96.053

80, 8.169, 96.053

100, 8.169, 96.053

70, 8.169, 96.053

60, 8.169, 96.053

50, 8.169, 96.053

40, 8.169, 96.053

30, 8.169, 96.053

20, 8.169, 96.053

10, 8.169, 96.053

0, 8.169, 96.053

80, 8.169, 96.053

80, 8.169, 96.053

78, 16.579, 94.864

82, 0.140, 278.606

77, 25.057, 93.617

84, 8.342, 278.413

75, 33.547, 92.336

86, 16.432,
279.481

73, 41.941, 91.025

87, 19.567,
276.859

72, 50.043, 89.681

70, 57.516, 88.291

88, 17.478,
268.946

69, 63.827, 86.814

90, 15.799,
259.206

67, 68.268, 85.175

66, 70.606, 83.314

91, 14.662,
247.656

92, 14.187,
234.858

94, 14.429,
221.925

Harmonies

Complementary

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



80, 8.169, 96.053



76, 8.234, 278.486

Rectangle

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



80, 8.169, 96.053



80, 8.169, 146.053



80, 8.169, 276.053



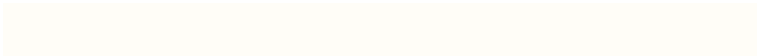
80, 8.169, 326.053

Sweetspot

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



80, 8.170, 96.066



99, 2.973, 96.817



76, 7.976, 0.393



53, 2.257, 96.738



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, 8.170, 96.066



97, 11.995, 95.793



81, 10.757, 119.305



42, 4.721, 96.118



55, 60.768, 83.614



11, 16.622, 87.448

Inverse Universe

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



76, 8.234, 278.486



92, 12.101, 278.797



75, 10.979, 300.546



40, 4.757, 278.428



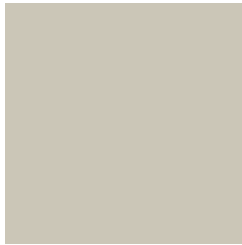
25, 79.293, 300.365



3, 19.531, 285.313

Previews

White Background



This preview shows how the CIELCh color 80, 8.169, 96.053 looks on a white background.

Color Contrast Check

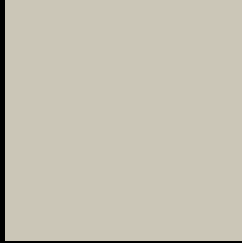
Large Text (above 18pt) WCAG AA × Fail

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, 8.169, 96.053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

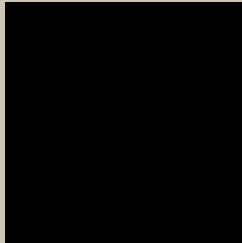
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

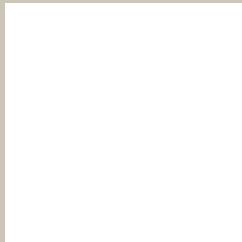
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 8.169, 96.053

Background



This preview shows how black text looks on a background with the CIELCh color 80, 8.169, 96.053.

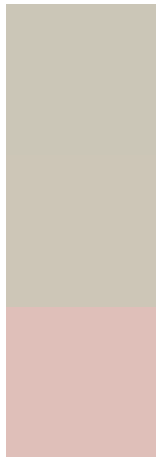


This preview shows how white text looks on a background with the CIELCh color 80, 8.169, 96.053.

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, 8.169, 96.053

Protanopia

80, 8.374, 90.970

Deuteranopia

80, 12.685, 34.754



Tritanopia
80, 9.787, 319.500

Trichromacy



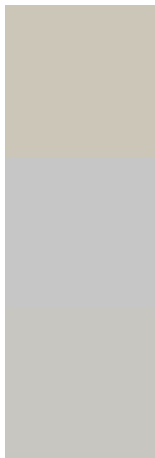
Original Color
80, 8.169, 96.053

Protanomaly
80, 8.263, 93.481

Deuteranomaly
80, 9.948, 52.033

Tritanomaly
80, 4.268, 349.739

Monochromacy



Original Color
80, 8.169, 96.053

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 2.743, 94.255

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 8.169, 96.053 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(203, 198, 183)` looks like.

```
.text, #text, p{  
    color:rgb(203, 198, 183)  
}
```

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(203, 198, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 198, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 8.169, 96.053 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(203, 198, 183) }
```

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

```
.border{ border-color:rgb(203, 198, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 198, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 198, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 198, 183);  
box-shadow:4px 4px 4px 4px rgb(203, 198,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 8.169, 96.053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 198, 183) }
```

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

```
.background{ background-color: rgb(203,  
198, 183) }
```

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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