

Converting Colors

CIELCh(80, 23.687, 108.025)

Have a look what the booklet for
CIELCh(80, 23.687, 108.025)
contains.

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Color

CIELCh(80, 23.726, 108.021)

Conversions

Conversions Part 1

Format	Color
Hex	C9C99C
RGB	201, 201, 156
RGB Percent	79%, 79%, 61%
CMY	0.2112, 0.2112, 0.3877
CMYK	0.00, 0.00, 0.22, 0.21
HSL	60°, 29%, 70%
HSV	60°, 22%, 79%
XYZ	51.0575, 56.6813, 39.7621
YIQ	195.8700, 14.4450, -13.9950

Conversions

Conversions Part 2

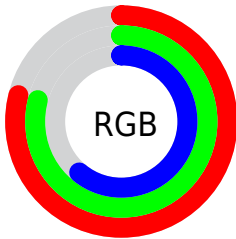
Format	Color
R _{YB}	156, 201, 156
Decimal	13224348
CIE Lab	80.00, -7.34, 22.56
CIE LCh	80, 23.726, 108.021
Yxy	56.6813, 0.3462, 0.3843
Android (android.graphics.Color)	4291414428 (0xFFC9C99C)
YUV	195.8700, -19.6559, 4.4990
Hunter-Lab	75.2870, -10.6985, 21.3874

Details

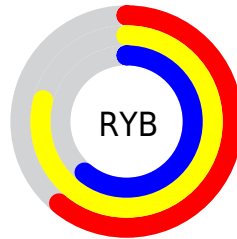
The CIELCh color **80, 23.726, 108.021** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **66, 24.995, 292.748**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 22.227, 108.494**, and **60, 23.937, 107.427** is the 20% darker color. If you saturate the color by 10%, you get **80, 34.116, 107.067**, and if you desaturate by 10%, it is **80, 13.169, 108.990**.

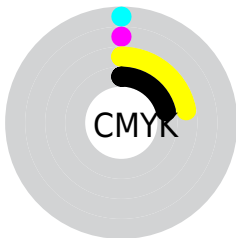
Distribution



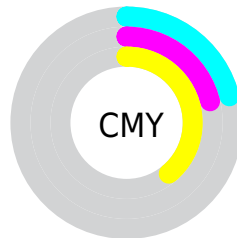
- Red (79%)
- Green (79%)
- Blue (61%)



- Red (61%)
- Yellow (79%)
- Blue (61%)



- Cyan (0%)
- Magenta (0%)
- Yellow (22%)
- Black (21%)





- Cyan (21%)
- Magenta (21%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 23.726, 108.021 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, 23.726, 108.021 by changing the saturation by 10% instead.


 80, 23.726,
108.021


 80, 23.726,
108.021


 100, 23.726,
108.021


 70, 23.726,
108.021

 60, 23.726,
108.021

 50, 23.726,
108.021

 40, 23.726,
108.021

 30, 23.726,
108.021

 20, 23.726,
108.021

 10, 23.726,

108.021

■ 0, 23.726, 108.021

■ 80, 23.726,
108.021

■ 80, 23.726,
108.021

■ 80, 34.116,
107.067

■ 80, 13.169,
108.990

■ 79, 44.203,
106.137

■ 81, 2.526, 109.930

■ 79, 53.783,
105.260

■ 81, 8.147, 290.904

■ 79, 62.550,
104.469

■ 82, 18.813,
291.813

■ 79, 70.080,
103.802

■ 83, 28.542,
292.617

■ 83, 28.543,
292.618

■ 79, 75.870,
103.298

■ 83, 28.543,
292.619

■ 79, 79.504,
102.987

■ 83, 28.543,
292.620

■ 79, 81.052,
102.856

■ 83, 28.543,
292.621

Harmonies

Complementary

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



80, 23.726, 108.021



66, 24.995, 292.748

Rectangle

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



80, 23.726, 108.021



80, 23.726, 158.021



80, 23.726, 288.021



80, 23.726, 338.021

Sweetspot

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



80, 23.728, 108.025



100, 9.036, 109.495



69, 17.928, 21.056



53, 5.871, 109.437



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, 23.728, 108.025



99, 34.615, 107.544



78, 25.411, 128.050



42, 5.982, 109.278



65, 69.399, 102.856



13, 20.289, 105.981

Inverse Universe

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



66, 24.995, 292.748



78, 36.950, 293.461



68, 26.199, 310.120



38, 6.114, 291.147



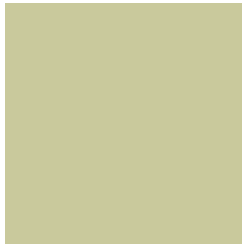
19, 95.828, 306.287



1, 21.510, 291.748

Previews

White Background



This preview shows how the CIELCh color 80, 23.726, 108.021 looks on a white background.

Color Contrast Check

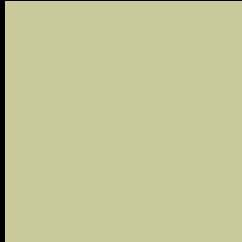
Large Text (above 18pt) WCAG AA × Fail

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, 23.726, 108.021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

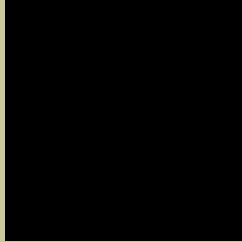
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

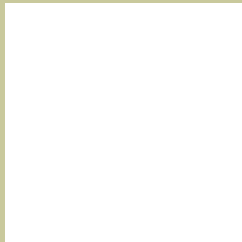
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 23.726, 108.021

Background



This preview shows how black text looks on a background with the CIELCh color 80, 23.726, 108.021.



This preview shows how white text looks on a background with the CIELCh color 80, 23.726, 108.021.

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, 23.726, 108.021

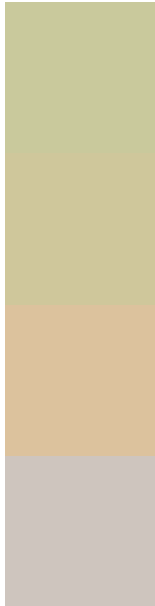
Protanopia
80, 23.328, 95.230

Deuteranopia
80, 23.935, 64.911



Tritanopia
80, 9.515, 322.977

Trichromacy



Original Color
80, 23.726, 108.021

Protanomaly
80, 23.455, 100.247

Deuteranomaly
80, 22.315, 80.495

Tritanomaly
80, 4.999, 67.418

Monochromacy



Original Color
80, 23.726, 108.021

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 8.494, 109.400

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 23.726, 108.021 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(201, 201, 156)` looks like.

```
.text, #text, p{  
    color:rgb(201, 201, 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(201, 201, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 201, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 23.726, 108.021 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(201, 201, 156) }
```

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

```
.border{ border-color:rgb(201, 201, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 201, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 201, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 201, 156);  
box-shadow:4px 4px 4px 4px rgb(201, 201,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 23.726, 108.021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 201, 156) }
```

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

```
.background{ background-color: rgb(201,  
201, 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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