

Converting Colors

CIELCh(80, 25.099, 117.747)

Have a look what the booklet for
CIELCh(80, 25.099, 117.747)
contains.

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Color

CIELCh(80, 25.123, 117.819)

Conversions

Conversions Part 1

Format	Color
Hex	C1CC9D
RGB	193, 204, 157
RGB Percent	76%, 80%, 62%
CMY	0.2448, 0.2017, 0.3859
CMYK	0.05, 0.00, 0.23, 0.20
HSL	74°, 31%, 71%
HSV	74°, 23%, 80%
XYZ	49.4230, 56.6813, 40.0487
YIQ	195.3530, 8.5310, -16.9490

Conversions

Conversions Part 2

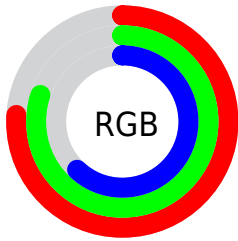
Format	Color
RYB	157, 204, 168
Decimal	12700829
CIELab	80.00, -11.72, 22.22
CIElCh	80, 25.123, 117.819
Yxy	56.6813, 0.3382, 0.3878
Android (android.graphics.Color)	4290890909 (0xFFC1CC9D)
YUV	195.3530, -18.9080, -2.0636
Hunter-Lab	75.2870, -14.5738, 21.1617

Details

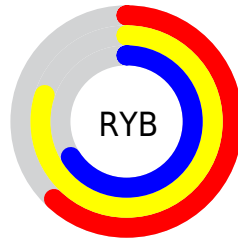
The CIELCh color **80, 25.123, 117.819** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **67, 26.370, 301.004**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 21.822, 113.398**, and **60, 25.418, 117.841** is the 20% darker color. If you saturate the color by 10%, you get **79, 35.803, 117.176**, and if you desaturate by 10%, it is **81, 14.280, 118.474**.

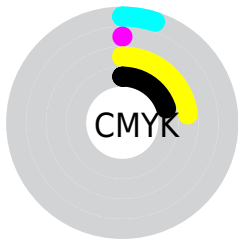
Distribution



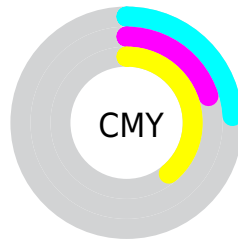
- Red (76%)
- Green (80%)
- Blue (62%)



- Red (62%)
- Yellow (80%)
- Blue (66%)



- Cyan (5%)
- Magenta (0%)
- Yellow (23%)
- Black (20%)





- Cyan (24%)
- Magenta (20%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 80, 25.123, 117.819 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, 25.123, 117.819 by changing the saturation by 10% instead.


 80, 25.123,
117.819


 80, 25.123,
117.819


 100, 25.123,
117.819


 70, 25.123,
117.819

 60, 25.123,
117.819

 50, 25.123,
117.819

 40, 25.123,
117.819

 30, 25.123,
117.819

 20, 25.123,
117.819

 10, 25.123,

117.819

■ 0, 25.123, 117.819

■ 80, 25.123,
117.819

■ 80, 25.123,
117.819

■ 79, 35.803,
117.176

■ 81, 14.280,
118.474

■ 79, 46.177,
116.564

■ 82, 3.359, 119.120

■ 78, 56.042,
116.026

■ 83, 7.575, 299.727

■ 78, 65.095,
115.621

■ 83, 18.478,
300.316

■ 77, 72.915,
115.430

■ 84, 27.568,
301.324

■ 85, 27.861,
304.585

■ 77, 79.006,
115.551

■ 85, 28.240,
307.801

■ 76, 82.963,
116.074

■ 86, 28.701,
310.954

■ 76, 84.686,
116.628

■ 86, 29.245,
314.028

Harmonies

Complementary

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



80, 25.123, 117.819



67, 26.370, 301.004

Rectangle

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



80, 25.123, 117.819



80, 25.123, 167.819



80, 25.123, 297.819



80, 25.123, 347.819

Sweetspot

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



80, 25.125, 117.822



99, 9.178, 118.861



72, 15.638, 42.712



53, 5.964, 118.822



0, 0.000, 0.000



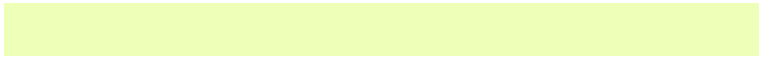
53, 0.007, 296.813

Same Dimension

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



80, 25.125, 117.822



97, 36.497, 117.478



78, 28.236, 135.692



43, 6.205, 118.713



63, 72.624, 116.447



14, 22.576, 118.582

Inverse Universe

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



67, 26.370, 301.004



78, 38.785, 301.473



69, 28.663, 317.763



40, 6.330, 299.930



21, 94.954, 307.635



2, 23.772, 298.459

Previews

White Background



This preview shows how the CIELCh color 80, 25.123, 117.819 looks on a white background.

Color Contrast Check

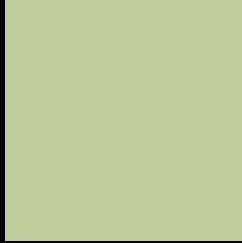
Large Text (above 18pt) WCAG AA × Fail

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, 25.123, 117.819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

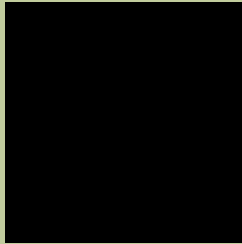
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

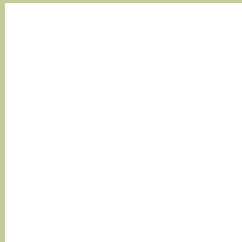
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 25.123, 117.819

Background



This preview shows how black text looks on a background with the CIELCh color 80, 25.123, 117.819.



This preview shows how white text looks on a background with the CIELCh color 80, 25.123, 117.819.

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](#).

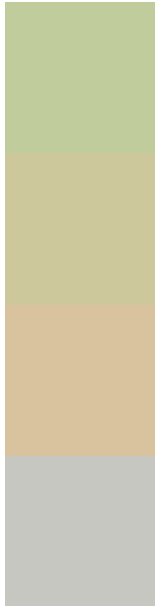
Dichromacy





Tritanopia
80, 8.678, 300.389

Trichromacy



Original Color
80, 25.123, 117.819

Protanomaly
80, 23.793, 104.185

Deuteranomaly
80, 21.556, 84.292

Tritanomaly
80, 3.793, 121.073

Monochromacy



Original Color
80, 25.123, 117.819

Achromatopsia
79, 0.010, 296.813

Achromatomaly
79, 9.169, 118.810

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 25.123, 117.819 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, 204, 157)` looks like.

```
.text, #text, p{  
    color:rgb(193, 204, 157)  
}
```

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, 204, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 204, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 25.123, 117.819 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, 204, 157) }
```

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

```
.border{ border-color:rgb(193, 204, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 204, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 204, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 204, 157);  
box-shadow:4px 4px 4px 4px rgb(193, 204,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 25.123, 117.819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 204, 157) }
```

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

```
.background{ background-color: rgb(193,  
204, 157) }
```

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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