

Converting Colors

CIELCh(80, 8.864, 323.038)

Have a look what the booklet for
CIELCh(80, 8.864, 323.038) contains.

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Color

CIELCh(80, 8.873, 322.819)

Conversions

Conversions Part 1

Format	Color
Hex	CFC2D0
RGB	207, 194, 208
RGB Percent	81%, 76%, 82%
CMY	0.1865, 0.2375, 0.1826
CMYK	0.00, 0.07, 0.00, 0.18
HSL	296°, 13%, 79%
HSV	296°, 7%, 82%
XYZ	56.6825, 56.6813, 67.9110
YIQ	199.4830, 3.2540, 7.1100

Conversions

Conversions Part 2

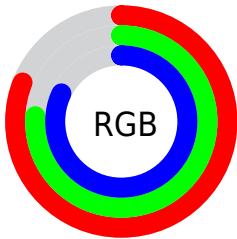
Format	Color
R_{YB}	207, 194, 208
Decimal	13615824
CIE Lab	80.00, 7.07, -5.36
CIE LCh	80, 8.873, 322.819
Yxy	56.6813, 0.3127, 0.3127
Android (android.graphics.Color)	4291805904 (0xFFCFC2D0)
YUV	199.4830, 4.1989, 6.5924
Hunter-Lab	75.2870, 2.6379, -0.7804

Details

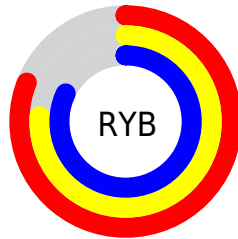
The CIELCh color **80, 8.873, 322.819** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 8.844, 142.188**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 3.114, 324.451**, and **60, 9.396, 322.935** is the 20% darker color. If you saturate the color by 10%, you get **75, 22.208, 323.338**, and if you desaturate by 10%, it is **85, 4.280, 142.409**.

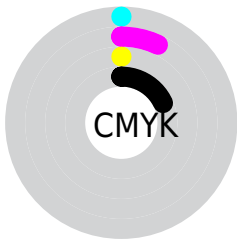
Distribution



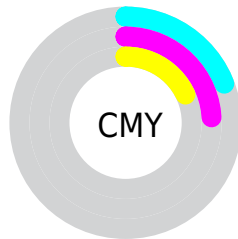
- Red (81%)
- Green (76%)
- Blue (82%)



- Red (81%)
- Yellow (76%)
- Blue (82%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (18%)



- Cyan (19%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 8.873, 322.819 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, 8.873, 322.819 by changing the saturation by 10% instead.

■ 80, 8.873, 322.819

■ 80, 8.873, 322.819

■ 100, 8.873,
322.819

■ 70, 8.873, 322.819

■ 60, 8.873, 322.819

■ 50, 8.873, 322.819

■ 40, 8.873, 322.819

■ 30, 8.873, 322.819

■ 20, 8.873, 322.819

■ 10, 8.873, 322.819

■ 0, 8.873, 322.819

■ 80, 8.873, 322.819

■ 80, 8.873, 322.819

75, 22.208,
323.338

85, 4.280, 142.409

70, 35.569,
323.838

91, 17.143,
141.883

65, 48.706,
324.314

96, 28.466,
141.380

60, 61.272,
324.747

96, 28.174,
140.529

56, 72.814,
325.115

96, 27.887,
139.656

53, 82.802,
325.393

96, 27.606,
138.761

50, 90.705,
325.555

96, 27.332,
137.844

48, 96.129,
325.583

96, 27.065,
136.905

47, 99.021,

97, 26.804,
135.944

325.473

Harmonies

Complementary

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



80, 8.873, 322.819



82, 8.844, 142.188

Rectangle

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



80, 8.873, 322.819



80, 8.873, 12.819



80, 8.873, 142.819



80, 8.873, 192.819

Sweetspot

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



80, 8.871, 322.819



99, 3.105, 322.519



79, 6.862, 287.329



53, 1.765, 322.509



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, 8.871, 322.819



95, 12.454, 322.892



80, 6.760, 339.873



41, 7.526, 322.962



38, 85.013, 325.463



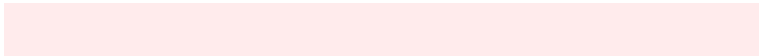
5, 30.518, 325.197

Inverse Universe

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



80, 5.232, 13.895



95, 7.374, 14.027



82, 6.711, 158.963



41, 4.472, 14.151



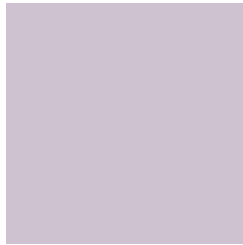
35, 73.576, 36.907



4, 20.033, 16.137

Previews

White Background



This preview shows how the CIELCh color 80, 8.873, 322.819 looks on a white background.

Color Contrast Check

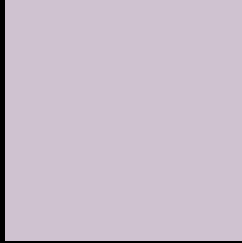
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 80, 8.873, 322.819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

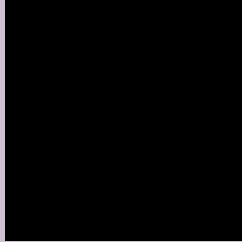
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

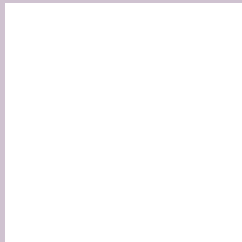
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 8.873, 322.819

Background



This preview shows how black text looks on a background with the CIELCh color 80, 8.873, 322.819.

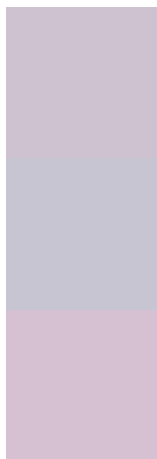


This preview shows how white text looks on a background with the CIELCh color 80, 8.873, 322.819.

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



Original Color


80, 8.873, 322.819

Protanopia

80, 6.982, 296.677

Deuteranopia

80, 11.248, 331.083



Tritanopia
80, 9.967, 321.340

Trichromacy



Original Color
80, 8.873, 322.819

Protanomaly
80, 7.292, 307.983

Deuteranomaly
80, 10.142, 328.253

Tritanomaly
80, 9.515, 322.977

Monochromacy



Original Color
80, 8.873, 322.819

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 3.249, 324.496

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 8.873, 322.819 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(207, 194, 208)` looks like.

```
.text, #text, p{  
    color:rgb(207, 194, 208)  
}
```

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(207, 194, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 194, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 8.873, 322.819 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(207, 194, 208) }
```

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

```
.border{ border-color:rgb(207, 194, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 194, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 194, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 194, 208);  
box-shadow:4px 4px 4px 4px rgb(207, 194,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 8.873, 322.819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 194, 208) }
```

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

```
.background{ background-color: rgb(207,  
194, 208) }
```

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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