

Converting Colors

CIELCh(80, 7.185, 73.548)

Have a look what the booklet for
CIELCh(80, 7.185, 73.548) contains.

CIELCh(80, 7.152, 74.082)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(80, 7.152, 74.082)

Conversions

Conversions Part 1

Format	Color
Hex	D0C5BA
RGB	208, 197, 186
RGB Percent	82%, 77%, 73%
CMY	0.1856, 0.2287, 0.2718
CMYK	0.00, 0.05, 0.11, 0.19
HSL	30°, 19%, 77%
HSV	30°, 11%, 81%
XYZ	54.6436, 56.6813, 54.3380
YIQ	199.0350, 10.0870, -1.0890

Conversions

Conversions Part 2

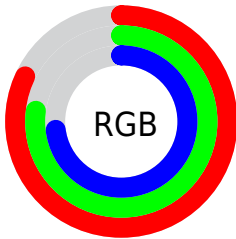
Format	Color
RYB	208, 208, 186
Decimal	13682106
CIELab	80.00, 1.96, 6.88
CIELCh	80, 7.152, 74.082
Yxy	56.6813, 0.3298, 0.3421
Android (android.graphics.Color)	4291872186 (0xFFD0C5BA)
YUV	199.0350, -6.4263, 7.8623
Hunter-Lab	75.2870, -2.1961, 9.9086

Details

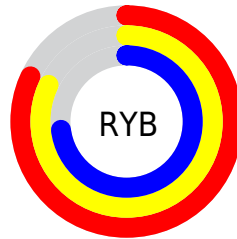
The CIELCh color `80, 7.152, 74.082` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `79, 6.974, 256.882`, and the grayscale version is `80, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 6.084, 106.355`, and `60, 7.166, 71.171` is the 20% darker color. If you saturate the color by 10%, you get `77, 14.239, 72.888`, and if you desaturate by 10%, it is `83, 0.382, 74.382`.

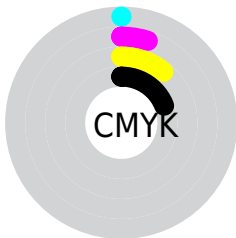
Distribution



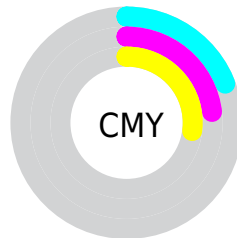
- Red (82%)
- Green (77%)
- Blue (73%)



- Red (82%)
- Yellow (82%)
- Blue (73%)



- Cyan (0%)
- Magenta (5%)
- Yellow (11%)
- Black (19%)



- Cyan (19%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 7.152, 74.082 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, 7.152, 74.082 by changing the saturation by 10% instead.

■ 80, 7.152, 74.082

■ 80, 7.152, 74.082

■ 100, 7.152, 74.082

■ 70, 7.152, 74.082

■ 60, 7.152, 74.082

■ 50, 7.152, 74.082

■ 40, 7.152, 74.082

■ 30, 7.152, 74.082

■ 20, 7.152, 74.082

■ 10, 7.152, 74.082

■ 0, 7.152, 74.082

■ 80, 7.152, 74.082

■ 80, 7.152, 74.082

77, 14.239, 72.888

83, 0.382, 74.382

74, 21.662, 71.642

86, 6.100, 256.620

71, 29.430, 70.381

90, 12.326,
257.741

68, 37.515, 69.106

93, 13.142,
240.432

65, 45.825, 67.799

62, 54.138, 66.409

95, 13.891,
212.408

60, 61.996, 64.810

97, 15.729,
198.460

57, 68.576, 62.750

55, 73.132, 60.287

Harmonies

Complementary

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



80, 7.152, 74.082



79, 6.974, 256.882

Rectangle

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



80, 7.152, 74.082



80, 7.152, 124.082



80, 7.152, 254.082



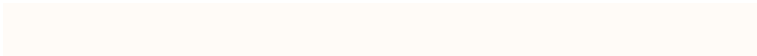
80, 7.152, 304.082

Sweetspot

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



80, 7.153, 74.101



99, 2.347, 74.888



77, 10.075, 344.498



53, 1.784, 74.829



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, 7.153, 74.101



95, 10.435, 73.795



83, 11.568, 109.157



42, 3.843, 74.239



45, 62.353, 60.891



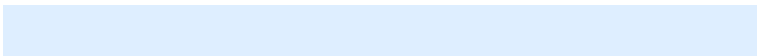
9, 15.703, 58.648

Inverse Universe

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



79, 6.974, 256.882



94, 10.100, 257.246



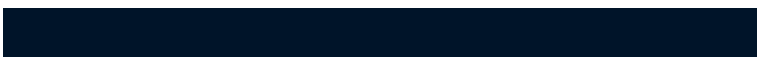
76, 11.854, 291.282



42, 3.760, 256.722



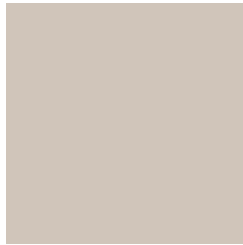
36, 52.564, 283.750



6, 16.210, 272.065

Previews

White Background



This preview shows how the CIELCh color 80, 7.152, 74.082 looks on a white background.

Color Contrast Check

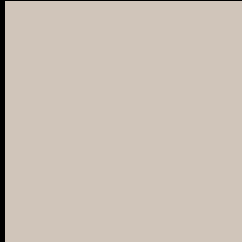
Large Text (above 18pt) WCAG AA × Fail

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, 7.152, 74.082 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

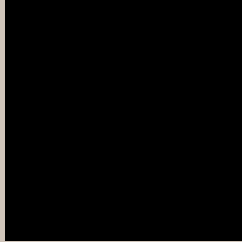
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

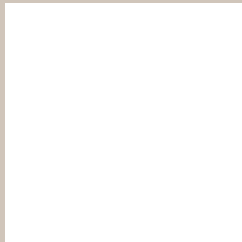
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 7.152, 74.082

Background



This preview shows how black text looks on a background with the CIELCh color 80, 7.152, 74.082.

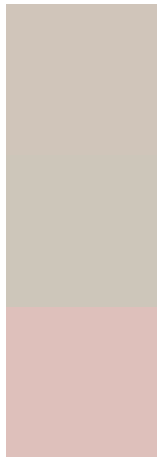


This preview shows how white text looks on a background with the CIELCh color 80, 7.152, 74.082.

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, 7.152, 74.082

Protanopia

80, 6.876, 87.017

Deuteranopia

80, 11.758, 33.204



Tritanopia
80, 10.378, 329.876

Trichromacy



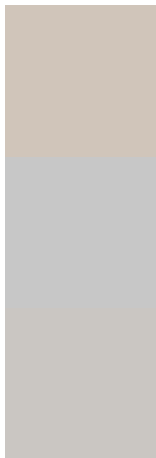
Original Color
80, 7.152, 74.082

Protanomaly
80, 7.029, 84.153

Deuteranomaly
80, 9.503, 42.895

Tritanomaly
80, 6.732, 351.604

Monochromacy



Original Color
80, 7.152, 74.082

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 2.572, 74.799

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 7.152, 74.082 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(208, 197, 186)` looks like.

```
.text, #text, p{  
    color:rgb(208, 197, 186)  
}
```

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(208, 197, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 197, 186) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 7.152, 74.082 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(208, 197, 186) }
```

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

```
.border{ border-color:rgb(208, 197, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 197, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 197, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 197, 186);  
box-shadow:4px 4px 4px 4px rgb(208, 197,  
186) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 7.152, 74.082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 197, 186) }
```

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

```
.background{ background-color: rgb(208,  
197, 186) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor