

Converting Colors

CIELCh(81, 7.849, 59.674)

Have a look what the booklet for
CIELCh(81, 7.849, 59.674) contains.

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Color

CIELCh(81, 7.689, 57.906)

Conversions

Conversions Part 1

Format	Color
Hex	D6C6BD
RGB	214, 198, 189
RGB Percent	84%, 78%, 74%
CMY	0.1601, 0.2228, 0.2581
CMYK	0.00, 0.07, 0.12, 0.16
HSL	22°, 23%, 79%
HSV	22°, 12%, 84%
XYZ	57.2200, 58.4711, 56.5119
YIQ	201.7580, 12.4250, 0.5930

Conversions

Conversions Part 2

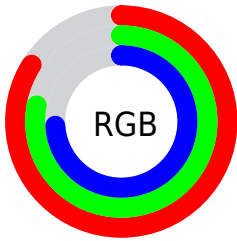
Format	Color
RYB	214, 203, 189
Decimal	14075581
CIELab	81.00, 4.09, 6.51
CIELCh	81, 7.689, 57.906
Yxy	58.4711, 0.3323, 0.3395
Android (android.graphics.Color)	4292265661 (0xFFD6C6BD)
YUV	201.7580, -6.2897, 10.7362
Hunter-Lab	76.4664, -0.2441, 9.7086

Details

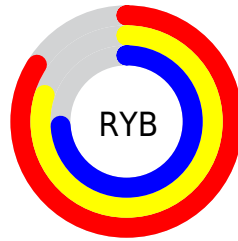
The CIELCh color **81, 7.689, 57.906** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 7.281, 240.269**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 5.059, 109.785**, and **61, 7.535, 56.260** is the 20% darker color. If you saturate the color by 10%, you get **77, 14.779, 57.103**, and if you desaturate by 10%, it is **85, 1.062, 58.407**.

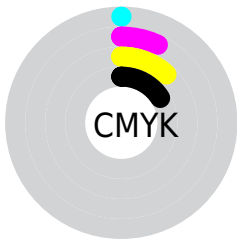
Distribution



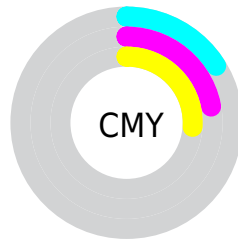
- Red (84%)
- Green (78%)
- Blue (74%)



- Red (84%)
- Yellow (80%)
- Blue (74%)



- Cyan (0%)
- Magenta (7%)
- Yellow (12%)
- Black (16%)



- Cyan (16%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 7.689, 57.906 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 81, 7.689, 57.906 by changing the saturation by 10% instead.



81, 7.689, 57.906

81, 7.689, 57.906

77, 14.779, 57.103

85, 1.062, 58.407

73, 22.374, 56.308

89, 5.150, 239.870

69, 30.506, 55.570

93, 10.994,
240.723

66, 39.174, 54.902

97, 13.015,
203.188

62, 48.315, 54.295

59, 57.738, 53.697

97, 13.675,
198.593

56, 66.984, 52.961

53, 75.109, 51.744

51, 80.476, 50.279

Harmonies

Complementary

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



81, 7.689, 57.906



82, 7.281, 240.269

Rectangle

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



81, 7.689, 57.906



81, 7.689, 107.906



81, 7.689, 237.906



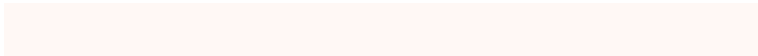
81, 7.689, 287.906

Sweetspot

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



81, 7.689, 57.925



98, 2.955, 58.471



79, 12.646, 337.195



52, 2.106, 58.434



0, 0.000, 0.000



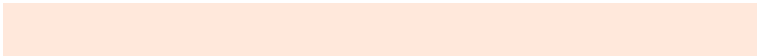
53, 0.007, 296.813

Same Dimension

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



81, 7.689, 57.925



94, 10.714, 57.723



84, 11.229, 101.966



43, 3.710, 58.106



41, 67.629, 50.861



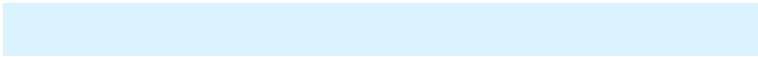
8, 17.724, 43.401

Inverse Universe

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



82, 7.281, 240.269



94, 10.015, 240.546



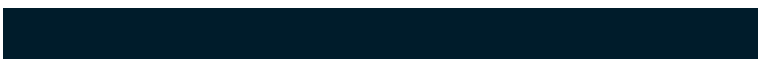
78, 11.428, 284.627



43, 3.554, 240.034



44, 40.186, 266.142



9, 14.066, 254.756

Previews

White Background



This preview shows how the CIELCh color 81, 7.689, 57.906 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 81, 7.689, 57.906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

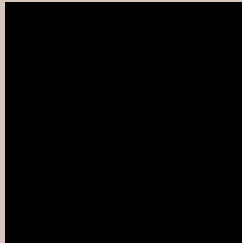
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 7.689, 57.906

Background



This preview shows how black text looks on a background with the CIELCh color 81, 7.689, 57.906.



This preview shows how white text looks on a background with the CIELCh color 81, 7.689, 57.906.

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

81, 7.689, 57.906

Protanopia

81, 5.892, 83.246

Deuteranopia

81, 11.982, 30.388



Tritanopia
81, 11.340, 335.705

Trichromacy



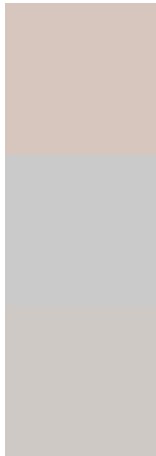
Original Color
81, 7.689, 57.906

Protanomaly
81, 6.293, 68.668

Deuteranomaly
81, 10.001, 38.483

Tritanomaly
81, 8.059, 356.778

Monochromacy



Original Color
81, 7.689, 57.906

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 2.792, 68.534

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 7.689, 57.906 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(214, 198, 189)` looks like.

```
.text, #text, p{  
    color:rgb(214, 198, 189)  
}
```

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(214, 198, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 198, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 7.689, 57.906 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(214, 198, 189) }
```

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

```
.border{ border-color:rgb(214, 198, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 198, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 198, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 198, 189);  
box-shadow:4px 4px 4px 4px rgb(214, 198,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 7.689, 57.906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 198, 189) }
```

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

```
.background{ background-color: rgb(214,  
198, 189) }
```

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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