

Converting Colors

CIELCh(81, 8.880, 78.150)

Have a look what the booklet for
CIELCh(81, 8.880, 78.150) contains.

CIELCh(81, 8.898, 75.779)	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(81, 8.898, 75.779)

Conversions

Conversions Part 1

Format	Color
Hex	D4C7B9
RGB	212, 199, 185
RGB Percent	83%, 78%, 73%
CMY	0.1679, 0.2188, 0.2738
CMYK	0.00, 0.06, 0.13, 0.17
HSL	31°, 24%, 78%
HSV	31°, 13%, 83%
XYZ	56.4513, 58.4711, 54.3140
YIQ	201.2910, 12.2420, -1.5980

Conversions

Conversions Part 2

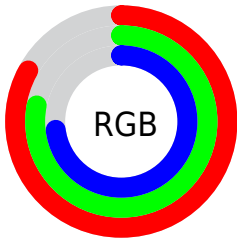
Format	Color
R_{YB}	210, 212, 185
Decimal	13944761
CIE Lab	81.00, 2.19, 8.63
CIE LCh	81, 8.898, 75.779
Yxy	58.4711, 0.3336, 0.3455
Android (android.graphics.Color)	4292134841 (0xFFD4C7B9)
YUV	201.2910, -8.0315, 9.3918
Hunter-Lab	76.4664, -2.0387, 11.4129

Details

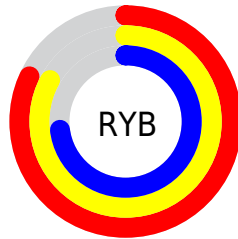
The CIELCh color **81, 8.898, 75.779** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 8.656, 259.177**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 7.086, 109.637**, and **61, 8.775, 75.581** is the 20% darker color. If you saturate the color by 10%, you get **78, 16.246, 74.543**, and if you desaturate by 10%, it is **84, 1.861, 76.882**.

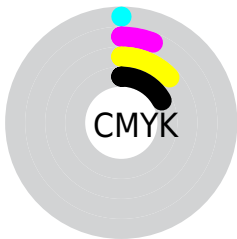
Distribution



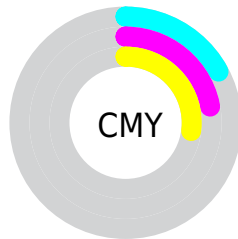
- Red (83%)
- Green (78%)
- Blue (73%)



- Red (82%)
- Yellow (83%)
- Blue (73%)



- Cyan (0%)
- Magenta (6%)
- Yellow (13%)
- Black (17%)

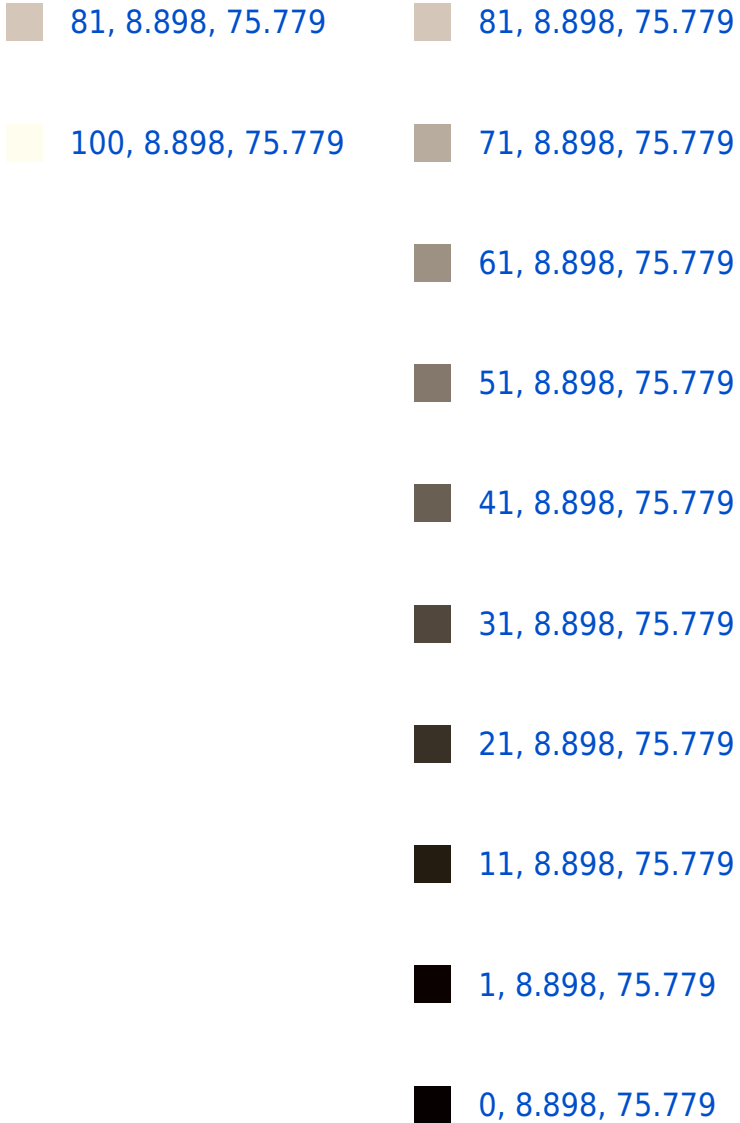


- Cyan (17%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 8.898, 75.779 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, 8.898, 75.779 by changing the saturation by 10% instead.



81, 8.898, 75.779

81, 8.898, 75.779

78, 16.246, 74.543

84, 1.861, 76.882

75, 23.917, 73.260

87, 4.894, 258.368

72, 31.910, 71.957

90, 11.392,
259.498

69, 40.180, 70.631

93, 11.910,
239.466

66, 48.602, 69.257

64, 56.897, 67.773

96, 12.884,
209.579

61, 64.513, 66.033

97, 14.305,
198.552

59, 70.538, 63.762

57, 73.791, 61.776

Harmonies

Complementary

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



81, 8.898, 75.779



79, 8.656, 259.177

Rectangle

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



81, 8.898, 75.779



81, 8.898, 125.779



81, 8.898, 255.779



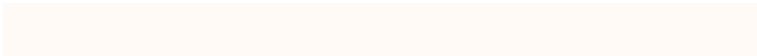
81, 8.898, 305.779

Sweetspot

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



81, 8.899, 75.795



99, 3.182, 76.785



78, 12.219, 345.621



52, 2.266, 76.713



0, 0.000, 0.000



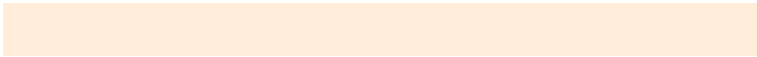
53, 0.007, 296.813

Same Dimension

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



81, 8.899, 75.795



95, 12.241, 75.495



84, 14.144, 109.640



43, 3.970, 76.194



47, 62.621, 62.384



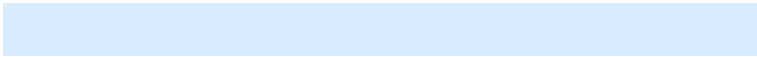
10, 17.055, 61.499

Inverse Universe

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



79, 8.656, 259.177



92, 11.832, 259.543



76, 14.562, 292.146



43, 3.894, 258.710



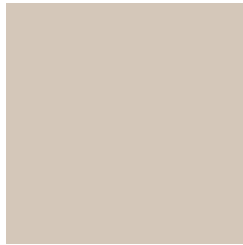
36, 55.196, 285.574



6, 17.661, 274.640

Previews

White Background



This preview shows how the CIELCh color 81, 8.898, 75.779 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, 8.898, 75.779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

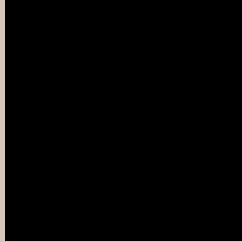
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

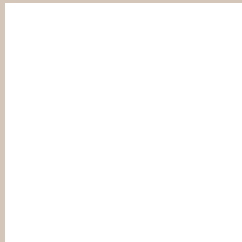
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 8.898, 75.779

Background



This preview shows how black text looks on a background with the CIELCh color 81, 8.898, 75.779.



This preview shows how white text looks on a background with the CIELCh color 81, 8.898, 75.779.

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
81, 11.467, 332.492

Trichromacy



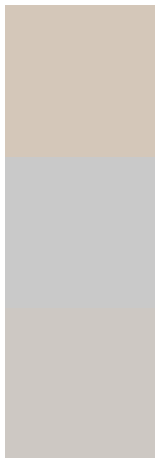
Original Color
81, 8.898, 75.779

Protanomaly
81, 8.307, 82.387

Deuteranomaly
81, 10.933, 48.838

Tritanomaly
81, 7.168, 358.241

Monochromacy



Original Color
81, 8.898, 75.779

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 3.214, 74.715

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 8.898, 75.779 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(212, 199, 185)` looks like.

```
.text, #text, p{  
    color:rgb(212, 199, 185)  
}
```

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(212, 199, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 199, 185) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 8.898, 75.779 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(212, 199, 185) }
```

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

```
.border{ border-color:rgb(212, 199, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 199, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 199, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 199, 185);  
box-shadow:4px 4px 4px 4px rgb(212, 199,  
185) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 8.898, 75.779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 199, 185) }
```

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

```
.background{ background-color: rgb(212,  
199, 185) }
```

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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