

Converting Colors

CIELCh(81, 8.988, 16.681)

Have a look what the booklet for
CIELCh(81, 8.988, 16.681) contains.

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Color

CIELCh(81, 8.990, 16.690)

Conversions

Conversions Part 1

Format	Color
Hex	DCC4C5
RGB	220, 196, 197
RGB Percent	86%, 77%, 77%
CMY	0.1388, 0.2329, 0.2290
CMYK	0.00, 0.11, 0.10, 0.14
HSL	358°, 25%, 81%
HSV	358°, 11%, 86%
XYZ	59.0801, 58.4711, 60.7618
YIQ	203.2900, 13.9830, 5.3990

Conversions

Conversions Part 2

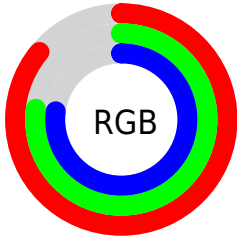
Format	Color
R _Y B	220, 196, 197
Decimal	14468293
CIE Lab	81.00, 8.61, 2.58
CIE LCh	81, 8.990, 16.690
Yxy	58.4711, 0.3313, 0.3279
Android (android.graphics.Color)	4292658373 (0xFFDCC4C5)
YUV	203.2900, -3.1010, 14.6547
Hunter-Lab	76.4664, 4.0980, 6.4134

Details

The CIELCh color **81, 8.990, 16.690** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86, 8.431, 195.311**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 0.877, 343.160**, and **61, 9.183, 16.796** is the 20% darker color. If you saturate the color by 10%, you get **75, 17.858, 17.671**, and if you desaturate by 10%, it is **87, 0.733, 15.220**.

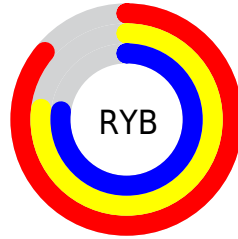
Distribution



Red (86%)

Green (77%)

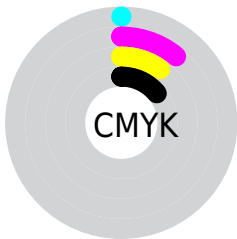
Blue (77%)



Red (86%)

Yellow (77%)

Blue (77%)

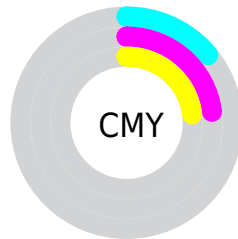


Cyan (0%)

Magenta (11%)

Yellow (10%)

Black (14%)



Cyan (14%)

Magenta (23%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 8.990, 16.690 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, 8.990, 16.690 by changing the saturation by 10% instead.



81, 8.990, 16.690

81, 8.990, 16.690

75, 17.858, 17.671

87, 0.733, 15.220

69, 27.329, 18.871

93, 6.933, 195.496

64, 37.328, 20.401

98, 11.932,
198.709

59, 47.694, 22.372

55, 58.166, 24.904

51, 68.403, 28.089

48, 77.995, 31.879

47, 86.303, 35.860

46, 91.728, 38.654

Harmonies

Complementary

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



81, 8.990, 16.690



86, 8.431, 195.311

Rectangle

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



81, 8.990, 16.690



81, 8.990, 66.690



81, 8.990, 196.690



81, 8.990, 246.690

Sweetspot

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



81, 8.988, 16.702



98, 2.708, 15.921



82, 15.189, 323.645



52, 2.059, 16.030



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, 8.988, 16.702



91, 12.174, 16.900



84, 7.514, 68.514



43, 4.641, 16.569



36, 76.468, 38.218



5, 23.779, 18.479

Inverse Universe

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



81, 8.988, 16.702



91, 12.174, 16.900



83, 7.254, 251.238



43, 4.641, 16.569



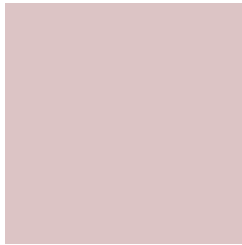
36, 76.468, 38.218



5, 23.779, 18.479

Previews

White Background



This preview shows how the CIELCh color 81, 8.990, 16.690 looks on a white background.

Color Contrast Check

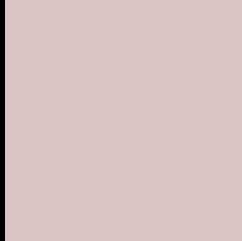
Large Text (above 18pt) WCAG AA × Fail

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 81, 8.990, 16.690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

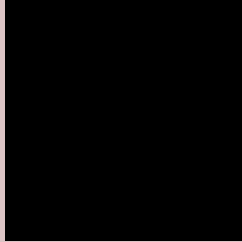
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 8.990, 16.690

Background



This preview shows how black text looks on a background with the CIELCh color 81, 8.990, 16.690.



This preview shows how white text looks on a background with the CIELCh color 81, 8.990, 16.690.

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, 8.990, 16.690

Protanopia

81, 1.907, 35.376

Deuteranopia

81, 10.165, 14.206



Tritanopia
81, 12.717, 341.723

Trichromacy



Original Color
81, 8.990, 16.690

Protanomaly
81, 4.442, 19.626

Deuteranomaly
81, 9.786, 13.940

Tritanomaly
81, 10.404, 352.965

Monochromacy



Original Color
81, 8.990, 16.690

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 3.359, 10.436

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 8.990, 16.690 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(220, 196, 197)` looks like.

```
.text, #text, p{  
    color:rgb(220, 196, 197)  
}
```

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(220, 196, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 196, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 8.990, 16.690 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(220, 196, 197) }
```

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

```
.border{ border-color:rgb(220, 196, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 196, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 196, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 196, 197);  
box-shadow:4px 4px 4px 4px rgb(220, 196,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 8.990, 16.690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 196, 197) }
```

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

```
.background{ background-color: rgb(220,  
196, 197) }
```

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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