

Converting Colors

CIELCh(81, 4.279, 56.150)

Have a look what the booklet for
CIELCh(81, 4.279, 56.150) contains.

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Color

CIELCh(81, 4.266, 49.270)

Conversions

Conversions Part 1

Format	Color
Hex	D1C7C3
RGB	209, 199, 195
RGB Percent	82%, 78%, 76%
CMY	0.1796, 0.2188, 0.2345
CMYK	0.00, 0.05, 0.07, 0.18
HSL	17°, 13%, 79%
HSV	17°, 7%, 82%
XYZ	56.6924, 58.4711, 60.0441
YIQ	201.5340, 7.2440, 0.8760

Conversions

Conversions Part 2

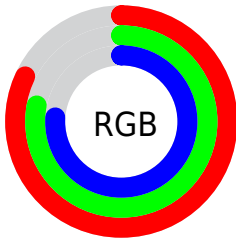
Format	Color
R _Y B	209, 201, 195
Decimal	13748163
CIE Lab	81.00, 2.78, 3.23
CIE LCh	81, 4.266, 49.270
Yxy	58.4711, 0.3236, 0.3337
Android (android.graphics.Color)	4291938243 (0xFFD1C7C3)
YUV	201.5340, -3.2213, 6.5477
Hunter-Lab	76.4664, -1.4758, 6.9699

Details

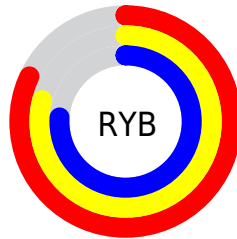
The CIELCh color $81, 4.266, 49.270$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $82, 4.117, 230.394$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 1.510, 110.014$, and $61, 4.546, 49.179$ is the 20% darker color. If you saturate the color by 10%, you get $77, 11.056, 48.829$, and if you desaturate by 10%, it is $85, 2.037, 230.290$.

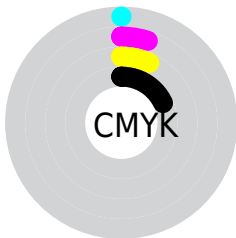
Distribution



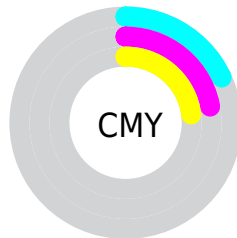
- Red (82%)
- Green (78%)
- Blue (76%)



- Red (82%)
- Yellow (79%)
- Blue (76%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 4.266, 49.270 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, 4.266, 49.270 by changing the saturation by 10% instead.

 81, 4.266, 49.270	 81, 4.266, 49.270
 100, 4.266, 49.270	 71, 4.266, 49.270
	 61, 4.266, 49.270
	 51, 4.266, 49.270
	 41, 4.266, 49.270
	 31, 4.266, 49.270
	 21, 4.266, 49.270
	 11, 4.266, 49.270
	 1, 4.266, 49.270
	 0, 4.266, 49.270

81, 4.266, 49.270

81, 4.266, 49.270

77, 11.056, 48.829

85, 2.037, 230.290

72, 18.386, 48.375

90, 7.904, 230.736

68, 26.296, 48.009

94, 12.741,
225.242

64, 34.808, 47.762

97, 15.250,
198.490

61, 43.899, 47.649

57, 53.462, 47.658

54, 63.212, 47.709

51, 72.490, 47.564

49, 80.032, 46.733

Harmonies

Complementary

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



81, 4.266, 49.270



82, 4.117, 230.394

Rectangle

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



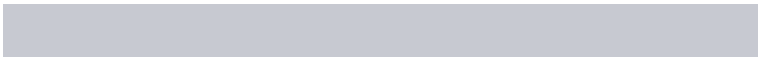
81, 4.266, 49.270



81, 4.266, 99.270



81, 4.266, 229.270



81, 4.266, 279.270

Sweetspot

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



81, 4.266, 49.302



99, 1.468, 49.284



80, 7.431, 334.021



53, 0.834, 49.267



0, 0.000, 0.000



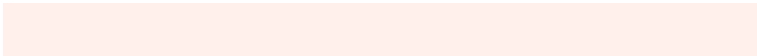
53, 0.007, 296.813

Same Dimension

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



81, 4.266, 49.302



96, 6.019, 49.244



83, 5.877, 98.592



42, 3.652, 49.184



39, 69.599, 46.996



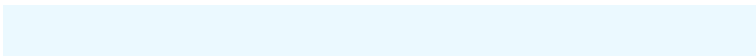
7, 16.982, 36.218

Inverse Universe

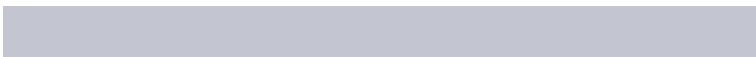
The Inverse Universe completely reimagines the original color for something new.



82, 4.117, 230.394



97, 5.761, 230.475



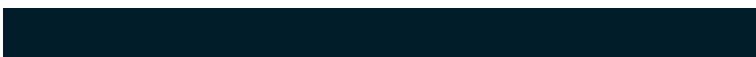
80, 5.928, 280.204



42, 3.468, 230.561



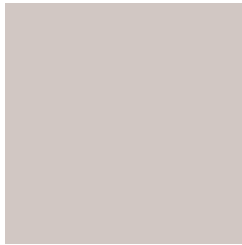
47, 35.013, 253.075



9, 12.553, 241.824

Previews

White Background



This preview shows how the CIELCh color 81, 4.266, 49.270 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, 4.266, 49.270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

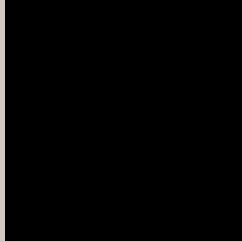
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

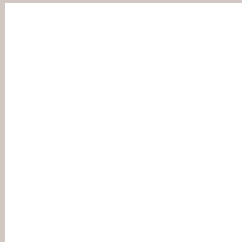
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 4.266, 49.270

Background



This preview shows how black text looks on a background with the CIELCh color 81, 4.266, 49.270.

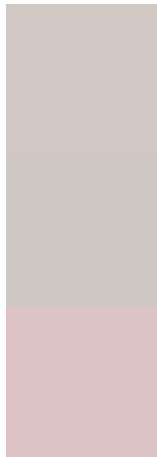


This preview shows how white text looks on a background with the CIELCh color 81, 4.266, 49.270.

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, 4.266, 49.270

Protanopia

81, 3.052, 63.256

Deuteranopia

81, 10.142, 17.176



Tritanopia
81, 9.688, 324.801

Trichromacy



Original Color
81, 4.266, 49.270

Protanomaly
81, 3.332, 58.829

Deuteranomaly
81, 7.492, 23.949

Tritanomaly
81, 6.403, 338.315

Monochromacy



Original Color
81, 4.266, 49.270

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 1.553, 39.071

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 4.266, 49.270 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(209, 199, 195)` looks like.

```
.text, #text, p{  
    color:rgb(209, 199, 195)  
}
```

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(209, 199, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 199, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 4.266, 49.270 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(209, 199, 195) }
```

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

```
.border{ border-color:rgb(209, 199, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 199, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 199, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 199, 195);  
box-shadow:4px 4px 4px 4px rgb(209, 199,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 4.266, 49.270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 199, 195) }
```

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

```
.background{ background-color: rgb(209,  
199, 195) }
```

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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