

Converting Colors

CIELCh(81, 5.112, 88.883)

Have a look what the booklet for
CIELCh(81, 5.112, 88.883) contains.

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Color

CIELCh(81, 5.099, 88.279)

Conversions

Conversions Part 1

Format	Color
Hex	CEC9C0
RGB	206, 201, 192
RGB Percent	81%, 79%, 75%
CMY	0.1935, 0.2131, 0.2484
CMYK	0.00, 0.02, 0.07, 0.19
HSL	39°, 12%, 78%
HSV	39°, 7%, 81%
XYZ	55.6361, 58.4711, 58.0201
YIQ	201.4690, 5.8690, -1.7390

Conversions

Conversions Part 2

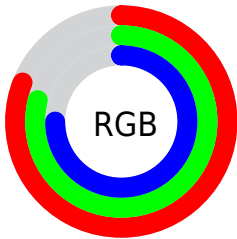
Format	Color
R_{YB}	200, 206, 192
Decimal	13552064
CIE Lab	81.00, 0.15, 5.10
CIE LCh	81, 5.099, 88.279
Yxy	58.4711, 0.3232, 0.3397
Android (android.graphics.Color)	4291742144 (0xFFCEC9C0)
YUV	201.4690, -4.6682, 3.9737
Hunter-Lab	76.4664, -3.9415, 8.5393

Details

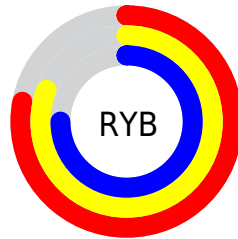
The CIELCh color **81, 5.099, 88.279** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79, 5.099, 270.127**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 3.539, 109.892**, and **61, 4.891, 85.708** is the 20% darker color. If you saturate the color by 10%, you get **79, 12.761, 87.052**, and if you desaturate by 10%, it is **83, 2.378, 269.699**.

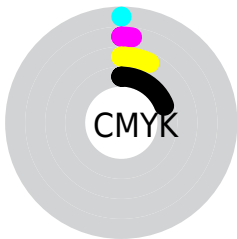
Distribution



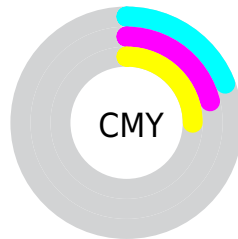
- Red (81%)
- Green (79%)
- Blue (75%)



- Red (78%)
- Yellow (81%)
- Blue (75%)



- Cyan (0%)
- Magenta (2%)
- Yellow (7%)
- Black (19%)



- Cyan (19%)
- Magenta (21%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 5.099, 88.279 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, 5.099, 88.279 by changing the saturation by 10% instead.

■ 81, 5.099, 88.279

■ 81, 5.099, 88.279

■ 100, 5.099, 88.279

■ 71, 5.099, 88.279

■ 61, 5.099, 88.279

■ 51, 5.099, 88.279

■ 41, 5.099, 88.279

■ 31, 5.099, 88.279

■ 21, 5.099, 88.279

■ 11, 5.099, 88.279

■ 1, 5.099, 88.279

■ 0, 5.099, 88.279

81, 5.099, 88.279	81, 5.099, 88.279
79, 12.761, 87.052	83, 2.378, 269.699
76, 20.603, 85.738	86, 9.681, 270.802
74, 28.605, 84.380	88, 16.821, 271.925
72, 36.712, 82.980	
70, 44.803, 81.530	90, 15.068, 258.929
68, 52.642, 80.002	92, 13.694, 240.899
66, 59.798, 78.331	
64, 65.578, 76.389	94, 13.831, 221.369
62, 69.203, 73.982	96, 15.403, 204.204
	97, 16.361, 198.419

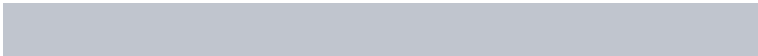
Harmonies

Complementary

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



81, 5.099, 88.279



79, 5.099, 270.127

Rectangle

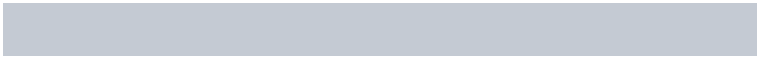
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81, 5.099, 88.279



81, 5.099, 138.279



81, 5.099, 268.279



81, 5.099, 318.279

Sweetspot

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



81, 5.100, 88.302



99, 1.767, 88.775



79, 5.875, 352.051



53, 1.004, 88.778



0, 0.000, 0.000



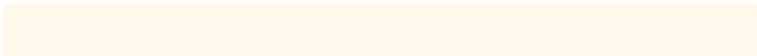
53, 0.007, 296.813

Same Dimension

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



81, 5.100, 88.302



98, 7.152, 88.147



82, 7.419, 114.893



42, 4.238, 87.990



50, 59.756, 73.695



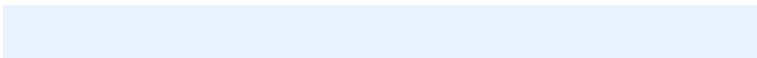
10, 15.123, 75.933

Inverse Universe

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



79, 5.099, 270.127



95, 7.140, 270.296



78, 7.543, 295.948



40, 4.227, 270.471



29, 67.611, 294.917



4, 17.790, 280.894

Previews

White Background



This preview shows how the CIELCh color 81, 5.099, 88.279 looks on a white background.

Color Contrast Check

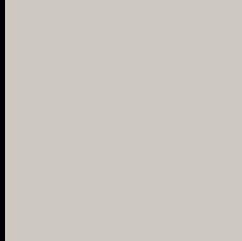
Large Text (above 18pt) WCAG AA × Fail

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, 5.099, 88.279 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

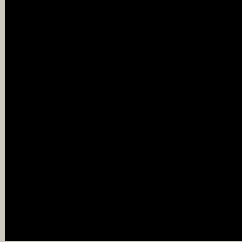
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

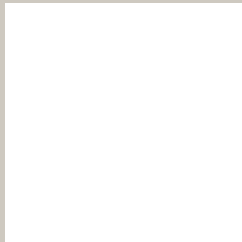
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 5.099, 88.279

Background



This preview shows how black text looks on a background with the CIELCh color 81, 5.099, 88.279.

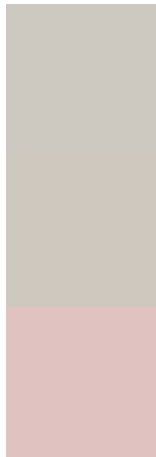


This preview shows how white text looks on a background with the CIELCh color 81, 5.099, 88.279.

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, 5.099, 88.279

Protanopia

81, 5.420, 80.841

Deuteranopia

81, 11.346, 22.909



Tritanopia
81, 9.591, 317.592

Trichromacy



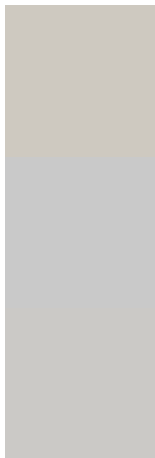
Original Color
81, 5.099, 88.279

Protanomaly
81, 5.420, 80.841

Deuteranomaly
81, 8.048, 31.287

Tritanomaly
81, 5.242, 334.544

Monochromacy



Original Color
81, 5.099, 88.279

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 1.737, 84.944

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 5.099, 88.279 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(206, 201, 192)` looks like.

```
.text, #text, p{  
    color:rgb(206, 201, 192)  
}
```

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(206, 201, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 201, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 5.099, 88.279 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(206, 201, 192) }
```

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

```
.border{ border-color:rgb(206, 201, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 201, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 201, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 201, 192);  
box-shadow:4px 4px 4px 4px rgb(206, 201,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 5.099, 88.279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 201, 192) }
```

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

```
.background{ background-color: rgb(206,  
201, 192) }
```

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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