

Converting Colors

CIELCh(81, 6.787, 277.580)

Have a look what the booklet for
CIELCh(81, 6.787, 277.580) contains.

CIELCh(81, 7.029, 279.190)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(81, 7.029, 279.190)

Conversions

Conversions Part 1

Format	Color
Hex	C5C9D6
RGB	197, 201, 214
RGB Percent	77%, 79%, 84%
CMY	0.2276, 0.2119, 0.1609
CMYK	0.08, 0.06, 0.00, 0.16
HSL	226°, 17%, 81%
HSV	226°, 8%, 84%
XYZ	56.0239, 58.4711, 71.9227
YIQ	201.2860, -6.5570, 3.1950

Conversions

Conversions Part 2

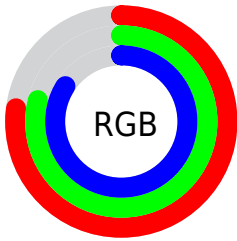
Format	Color
R _Y B	197, 200, 214
Decimal	12962262
CIE Lab	81.00, 1.12, -6.94
CIE LCh	81, 7.029, 279.190
Yxy	58.4711, 0.3005, 0.3137
Android (android.graphics.Color)	4291152342 (0xFFC5C9D6)
YUV	201.2860, 6.2680, -3.7588
Hunter-Lab	76.4664, -3.0364, -2.2405

Details

The CIELCh color $81, 7.029, 279.190$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $84, 6.970, 97.240$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.347, 201.292$, and $61, 6.892, 278.480$ is the 20% darker color. If you saturate the color by 10%, you get $75, 16.070, 280.556$, and if you desaturate by 10%, it is $87, 1.783, 97.851$.

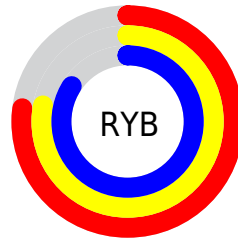
Distribution



Red (77%)

Green (79%)

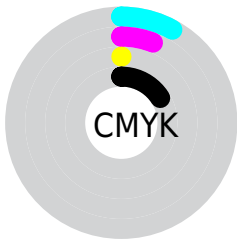
Blue (84%)



Red (77%)

Yellow (78%)

Blue (84%)

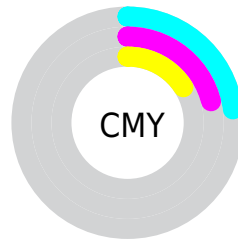


Cyan (8%)

Magenta (6%)

Yellow (0%)

Black (16%)



Cyan (23%)

Magenta (21%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 7.029, 279.190 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, 7.029, 279.190 by changing the saturation by 10% instead.

 81, 7.029, 279.190	 81, 7.029, 279.190
 100, 7.029, 279.190	 71, 7.029, 279.190
	 61, 7.029, 279.190
	 51, 7.029, 279.190
	 41, 7.029, 279.190
	 31, 7.029, 279.190
	 21, 7.029, 279.190
	 11, 7.029, 279.190
	 1, 7.029, 279.190
	 0, 7.029, 279.190

81, 7.029, 279.190

81, 7.029, 279.190

75, 16.070,
280.556

87, 1.783, 97.851

69, 25.361,
282.179

93, 10.373, 96.906

64, 34.925,
284.079

98, 18.388,
103.023

58, 44.790,
286.290

99, 20.740,
108.607

52, 54.987,
288.833

47, 65.522,
291.693

42, 76.322,
294.790

37, 87.119,
297.957

■ 33, 97.330,
300.928

Harmonies

Complementary

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



81, 7.029, 279.190



84, 6.970, 97.240

Rectangle

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



81, 7.029, 279.190



81, 7.029, 329.190



81, 7.029, 99.190



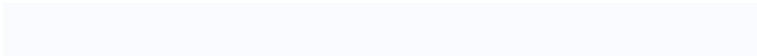
81, 7.029, 149.190

Sweetspot

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



81, 7.027, 279.179



99, 2.033, 278.527



84, 6.504, 178.874



53, 1.156, 278.521



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, 7.027, 279.179



93, 10.224, 279.455



80, 9.209, 300.417



42, 5.033, 279.367



25, 82.763, 301.012



4, 23.155, 287.976

Inverse Universe

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



81, 6.642, 1.254



93, 9.690, 1.489



85, 9.053, 119.423



42, 4.766, 1.415



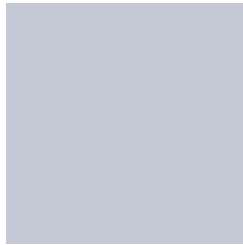
36, 67.126, 26.316



5, 22.115, 9.307

Previews

White Background



This preview shows how the CIELCh color 81, 7.029, 279.190 looks on a white background.

Color Contrast Check

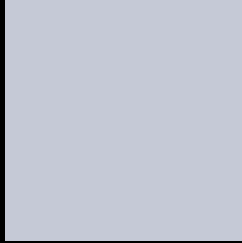
Large Text (above 18pt) WCAG AA × Fail

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, 7.029, 279.190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

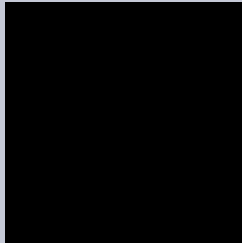
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

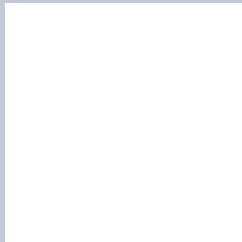
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 7.029, 279.190

Background



This preview shows how black text looks on a background with the CIELCh color 81, 7.029, 279.190.

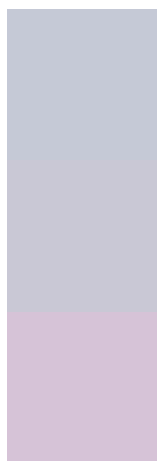


This preview shows how white text looks on a background with the CIELCh color 81, 7.029, 279.190.

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, 7.029, 279.190

Protanopia

81, 6.930, 293.741

Deuteranopia

81, 12.703, 323.558



Tritanopia
81, 8.071, 280.839

Trichromacy



Original Color
81, 7.029, 279.190

Protanomaly
81, 6.916, 290.798

Deuteranomaly
81, 10.405, 313.186

Tritanomaly
81, 7.549, 280.068

Monochromacy



Original Color
81, 7.029, 279.190

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 2.682, 282.708

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 7.029, 279.190 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(197, 201, 214)` looks like.

```
.text, #text, p{  
    color:rgb(197, 201, 214)  
}
```

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(197, 201, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 201, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 7.029, 279.190 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(197, 201, 214) }
```

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

```
.border{ border-color:rgb(197, 201, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 201, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 201, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 201, 214);  
box-shadow:4px 4px 4px 4px rgb(197, 201,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 7.029, 279.190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 201, 214) }
```

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

```
.background{ background-color: rgb(197,  
201, 214) }
```

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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