

Converting Colors

CIELCh(81, 6.288, 277.620)

Have a look what the booklet for
CIELCh(81, 6.288, 277.620) contains.

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Color

CIELCh(81, 6.511, 278.178)

Conversions

Conversions Part 1

Format	Color
Hex	C5C9D5
RGB	197, 201, 213
RGB Percent	77%, 79%, 84%
CMY	0.2273, 0.2116, 0.1646
CMYK	0.08, 0.06, 0.00, 0.16
HSL	225°, 16%, 80%
HSV	225°, 8%, 84%
XYZ	55.9452, 58.4711, 71.3125
YIQ	201.1720, -6.2360, 2.8840

Conversions

Conversions Part 2

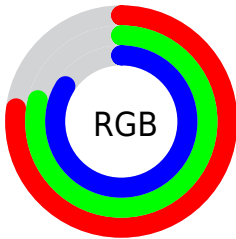
Format	Color
RYB	197, 200, 213
Decimal	12962261
CIELab	81.00, 0.93, -6.44
CIElCh	81, 6.511, 278.178
Yxy	58.4711, 0.3012, 0.3148
Android (android.graphics.Color)	4291152341 (0xFFC5C9D5)
YUV	201.1720, 5.8312, -3.6588
Hunter-Lab	76.4664, -3.2201, -1.7673

Details

The CIELCh color $81, 6.511, 278.178$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $84, 6.463, 96.308$, 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 $61, 6.345, 277.286$ is the 20% darker color. If you saturate the color by 10%, you get $75, 15.353, 279.545$, and if you desaturate by 10%, it is $87, 2.119, 96.842$.

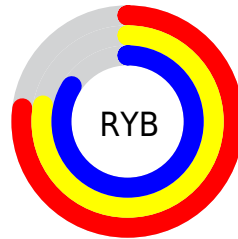
Distribution



Red (77%)

Green (79%)

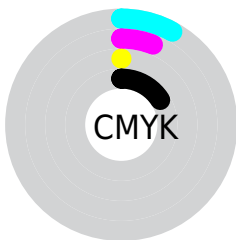
Blue (84%)



Red (77%)

Yellow (78%)

Blue (84%)

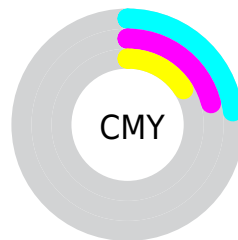


Cyan (8%)

Magenta (6%)

Yellow (0%)

Black (16%)



Cyan (23%)

Magenta (21%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 6.511, 278.178 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, 6.511, 278.178 by changing the saturation by 10% instead.

■ 81, 6.511, 278.178

■ 81, 6.511, 278.178

■ 100, 6.511,
278.178

■ 71, 6.511, 278.178

■ 61, 6.511, 278.178

■ 51, 6.511, 278.178

■ 41, 6.511, 278.178

■ 31, 6.511, 278.178

■ 21, 6.511, 278.178

■ 11, 6.511, 278.178

■ 1, 6.511, 278.178

■ 0, 6.511, 278.178

81, 6.511, 278.178

81, 6.511, 278.178

75, 15.353,
279.545

87, 2.119, 96.842

70, 24.427,
281.173

92, 10.542, 95.879

64, 33.751,
283.078

98, 18.369,
101.755

58, 43.353,
285.297

99, 21.203,
108.572

53, 53.265,
287.853

47, 63.504,
290.736

42, 74.020,
293.875

38, 84.604,
297.116

■ 34, 94.764,
300.204

Harmonies

Complementary

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



81, 6.511, 278.178



84, 6.463, 96.308

Rectangle

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



81, 6.511, 278.178



81, 6.511, 328.178



81, 6.511, 98.178



81, 6.511, 148.178

Sweetspot

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



81, 6.509, 278.165



99, 2.000, 277.566



84, 6.184, 177.708



53, 1.137, 277.560



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, 6.509, 278.165



94, 9.041, 278.367



80, 8.653, 299.766



42, 4.951, 278.410



26, 81.232, 300.422



4, 22.882, 287.507

Inverse Universe

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



81, 6.291, 0.128



94, 8.754, 0.301



85, 8.510, 118.800



42, 4.796, 0.337



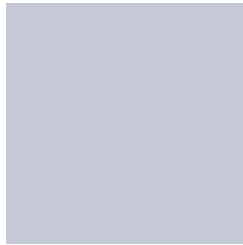
36, 66.546, 25.096



5, 22.145, 8.644

Previews

White Background



This preview shows how the CIELCh color 81, 6.511, 278.178 looks on a white background.

Color Contrast Check

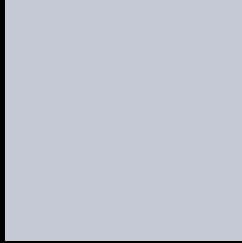
Large Text (above 18pt) WCAG AA × Fail

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, 6.511, 278.178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

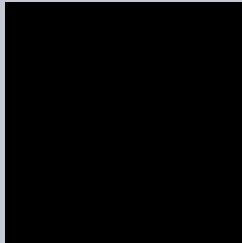
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

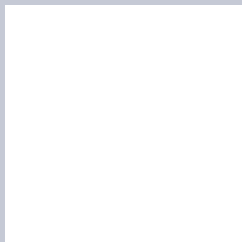
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 6.511, 278.178

Background



This preview shows how black text looks on a background with the CIELCh color 81, 6.511, 278.178.

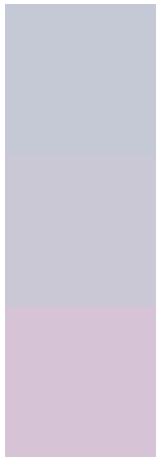


This preview shows how white text looks on a background with the CIELCh color 81, 6.511, 278.178.

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, 6.511, 278.178

Protanopia

81, 6.399, 293.946

Deuteranopia

81, 12.263, 324.906



Tritanopia
81, 8.023, 283.315

Trichromacy



Original Color
81, 6.511, 278.178

Protanomaly
81, 6.384, 290.752

Deuteranomaly
81, 9.916, 314.345

Tritanomaly
81, 7.498, 282.718

Monochromacy



Original Color
81, 6.511, 278.178

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 2.157, 280.752

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 6.511, 278.178 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(197, 201, 213)  
}
```

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, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 201, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 6.511, 278.178 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, 213) }
```

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

```
.border{ border-color:rgb(197, 201, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 201, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 201, 213);  
box-shadow:4px 4px 4px 4px rgb(197, 201,  
213) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 6.511, 278.178 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, 213) }
```

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

```
.background{ background-color: rgb(197,  
201, 213) }
```

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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