

Converting Colors

CIELCh(81, 4.816, 286.948)

Have a look what the booklet for
CIELCh(81, 4.816, 286.948) contains.

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Color

CIELCh(81, 4.794, 286.334)

Conversions

Conversions Part 1

Format	Color
Hex	C8C9D2
RGB	200, 201, 210
RGB Percent	78%, 79%, 82%
CMY	0.2171, 0.2132, 0.1779
CMYK	0.05, 0.04, 0.00, 0.18
HSL	234°, 10%, 80%
HSV	234°, 5%, 82%
XYZ	56.1144, 58.4711, 69.0649
YIQ	201.7270, -3.4850, 2.5870

Conversions

Conversions Part 2

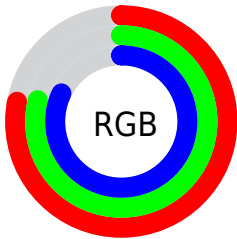
Format	Color
RYB	200, 201, 210
Decimal	13158866
CIELab	81.00, 1.35, -4.60
CIELCh	81, 4.794, 286.334
Yxy	58.4711, 0.3056, 0.3184
Android (android.graphics.Color)	4291348946 (0xFFC8C9D2)
YUV	201.7270, 4.0786, -1.5146
Hunter-Lab	76.4664, -2.8251, -0.0246

Details

The CIELCh color $81, 4.794, 286.334$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $84, 4.736, 105.273$, and the grayscale version is $81, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $61, 5.077, 286.498$ is the 20% darker color. If you saturate the color by 10%, you get $75, 15.087, 287.501$, and if you desaturate by 10%, it is $87, 5.148, 105.251$.

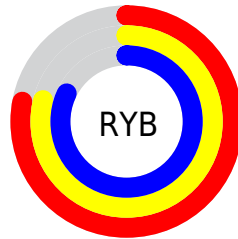
Distribution



Red (78%)

Green (79%)

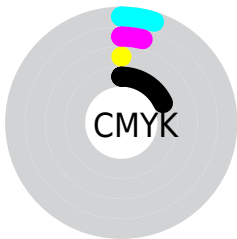
Blue (82%)



Red (78%)

Yellow (79%)

Blue (82%)

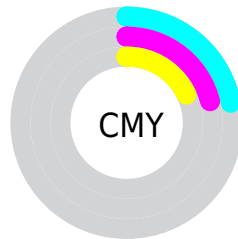


Cyan (5%)

Magenta (4%)

Yellow (0%)

Black (18%)



Cyan (22%)

Magenta (21%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 4.794, 286.334 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, 4.794, 286.334 by changing the saturation by 10% instead.

■ 81, 4.794, 286.334

■ 81, 4.794, 286.334

■ 100, 4.794,
286.334

■ 71, 4.794, 286.334

■ 61, 4.794, 286.334

■ 51, 4.794, 286.334

■ 41, 4.794, 286.334

■ 31, 4.794, 286.334

■ 21, 4.794, 286.334

■ 11, 4.794, 286.334

■ 1, 4.794, 286.334

■ 0, 4.794, 286.334

81, 4.794, 286.334

81, 4.794, 286.334

75, 15.087,
287.501

87, 5.148, 105.251

68, 25.767,
288.903

94, 14.758,
104.388

62, 36.865,
290.550

99, 22.910,
108.441

55, 48.411,
292.467

49, 60.408,
294.666

43, 72.770,
297.111

37, 85.194,
299.689

32, 96.940,
302.182

■ 29,106.696,
304.281

Harmonies

Complementary

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



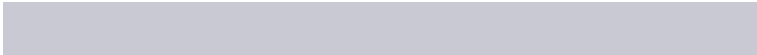
81, 4.794, 286.334



84, 4.736, 105.273

Rectangle

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



81, 4.794, 286.334



81, 4.794, 336.334



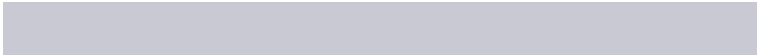
81, 4.794, 106.334



81, 4.794, 156.334

Sweetspot

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



81, 4.792, 286.319



99, 1.180, 286.001



83, 3.649, 189.572



53, 0.671, 286.001



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, 4.792, 286.319



95, 7.082, 286.459



81, 5.514, 305.119



42, 3.994, 286.516



21, 93.051, 304.836



2, 23.774, 290.778

Inverse Universe

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



81, 3.725, 11.356



96, 5.518, 11.498



84, 5.454, 124.672



42, 3.115, 11.552



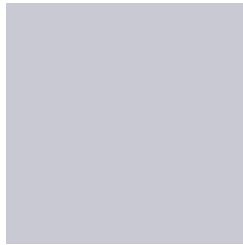
35, 72.361, 35.506



4, 20.057, 14.795

Previews

White Background



This preview shows how the CIELCh color 81, 4.794, 286.334 looks on a white background.

Color Contrast Check

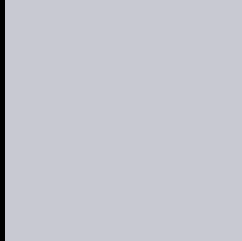
Large Text (above 18pt) WCAG AA × Fail

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, 4.794, 286.334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

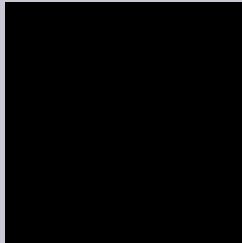
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

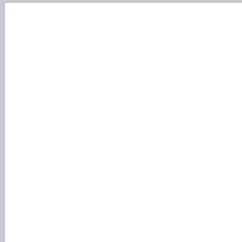
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 4.794, 286.334

Background



This preview shows how black text looks on a background with the CIELCh color 81, 4.794, 286.334.

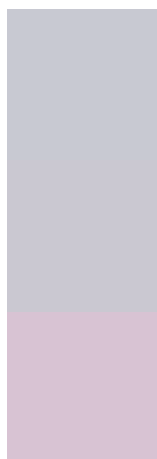


This preview shows how white text looks on a background with the CIELCh color 81, 4.794, 286.334.

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, 4.794, 286.334

Protanopia

81, 4.854, 299.127

Deuteranopia

81, 11.467, 332.492



Tritanopia
81, 8.522, 293.313

Trichromacy



Original Color
81, 4.794, 286.334

Protanomaly
81, 4.809, 294.894

Deuteranomaly
81, 8.849, 322.815

Tritanomaly
81, 7.461, 293.572

Monochromacy



Original Color
81, 4.794, 286.334

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 1.602, 290.360

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 4.794, 286.334 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(200, 201, 210)` looks like.

```
.text, #text, p{  
    color:rgb(200, 201, 210)  
}
```

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(200, 201, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 201, 210) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 4.794, 286.334 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(200, 201, 210) }
```

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

```
.border{ border-color:rgb(200, 201, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 201, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 201, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 201, 210);  
box-shadow:4px 4px 4px 4px rgb(200, 201,  
210) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 4.794, 286.334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 201, 210) }
```

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

```
.background{ background-color: rgb(200,  
201, 210) }
```

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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