

Converting Colors

CIELCh(81, 11.818, 293.827)

Have a look what the booklet for
CIELCh(81, 11.818, 293.827)
contains.

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Color

CIELCh(81, 11.738, 294.630)

Conversions

Conversions Part 1

Format	Color
Hex	C9C7DD
RGB	201, 199, 221
RGB Percent	79%, 78%, 87%
CMY	0.2118, 0.2197, 0.1334
CMYK	0.09, 0.10, 0.00, 0.13
HSL	245°, 24%, 82%
HSV	245°, 10%, 87%
XYZ	57.5487, 58.4711, 76.6446
YIQ	202.1060, -5.8700, 7.2660

Conversions

Conversions Part 2

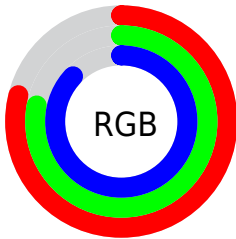
Format	Color
R_{YB}	201, 199, 221
Decimal	13223901
CIE _{Lab}	81.00, 4.89, -10.67
CIE _{LCh}	81, 11.738, 294.630
Yxy	58.4711, 0.2987, 0.3035
Android (android.graphics.Color)	4291413981 (0xFFC9C7DD)
YUV	202.1060, 9.3147, -0.9700
Hunter-Lab	76.4664, 0.5230, -5.9017

Details

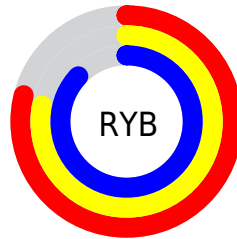
The CIELCh color **81, 11.738, 294.630** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **87, 11.470, 112.926**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **61, 11.877, 295.027** is the 20% darker color. If you saturate the color by 10%, you get **74, 23.999, 295.653**, and if you desaturate by 10%, it is **88, 0.043, 112.992**.

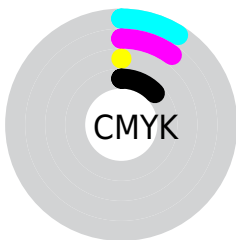
Distribution



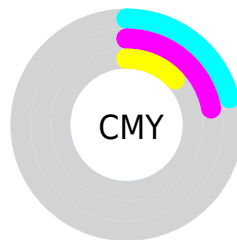
- Red (79%)
- Green (78%)
- Blue (87%)



- Red (79%)
- Yellow (78%)
- Blue (87%)



- Cyan (9%)
- Magenta (10%)
- Yellow (0%)
- Black (13%)



- Cyan (21%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 11.738, 294.630 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, 11.738, 294.630 by changing the saturation by 10% instead.

■ 81, 11.738,
294.630

■ 81, 11.738,
294.630

■ 100, 11.738,
294.630

■ 71, 11.738,
294.630

■ 61, 11.738,
294.630

■ 51, 11.738,
294.630

■ 41, 11.738,
294.630

■ 31, 11.738,
294.630

■ 21, 11.738,
294.630

■ 11, 11.738,

294.630

■ 1, 11.738, 294.630

■ 0, 11.738, 294.630

■ 81, 11.738,
294.630

■ 81, 11.738,
294.630

■ 74, 23.999,
295.653

■ 88, 0.043, 112.992

■ 67, 36.775,
296.852

■ 95, 11.370,
112.990

■ 59, 50.073,
298.235

■ 99, 17.205,
108.877

■ 52, 63.844,
299.801

■ 46, 77.902,

301.510

■ 39, 91.751,
303.255

■ 34, 104.347,
304.837

■ 30, 114.002,
305.970

■ 28, 119.593,
306.532

Harmonies

Complementary

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



81, 11.738, 294.630



87, 11.470, 112.926

Rectangle

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



81, 11.738, 294.630



81, 11.738, 344.630



81, 11.738, 114.630



81, 11.738, 164.630

Sweetspot

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



81, 11.736, 294.626



98, 3.926, 294.008



86, 7.104, 206.796



52, 2.979, 294.075



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, 11.736, 294.626



90, 15.957, 294.832



82, 12.592, 312.334



42, 6.645, 294.576



21, 99.717, 306.594



2, 29.720, 297.148

Inverse Universe

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



83, 13.270, 327.544



92, 17.989, 327.673



87, 12.445, 131.515



43, 7.519, 327.513



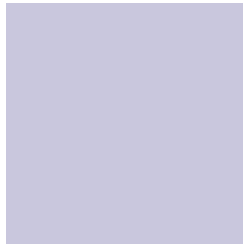
40, 80.625, 332.192



7, 32.432, 331.381

Previews

White Background



This preview shows how the CIELCh color 81, 11.738, 294.630 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, 11.738, 294.630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

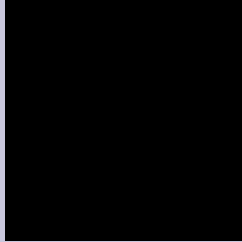
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

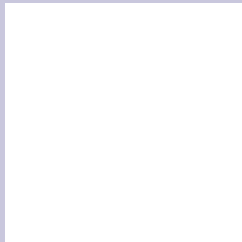
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 11.738, 294.630

Background



This preview shows how black text looks on a background with the CIELCh color 81, 11.738, 294.630.

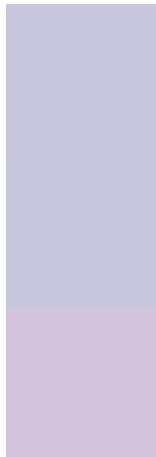


This preview shows how white text looks on a background with the CIELCh color 81, 11.738, 294.630.

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

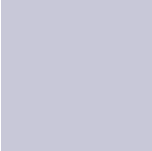
81, 11.738, 294.630

Protanopia

81, 11.165, 289.374

Deuteranopia

81, 14.883, 312.200



Tritanopia
81, 8.509, 290.936

Trichromacy



Original Color
81, 11.738, 294.630

Protanomaly
81, 11.165, 291.165

Deuteranomaly
81, 13.816, 306.072

Tritanomaly
81, 9.572, 291.027

Monochromacy



Original Color
81, 11.738, 294.630

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 4.276, 295.389

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 11.738, 294.630 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(201, 199, 221)` looks like.

```
.text, #text, p{  
    color:rgb(201, 199, 221)  
}
```

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(201, 199, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 199, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 11.738, 294.630 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(201, 199, 221) }
```

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

```
.border{ border-color:rgb(201, 199, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 199, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 199, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 199, 221);  
box-shadow:4px 4px 4px 4px rgb(201, 199,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 11.738, 294.630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 199, 221) }
```

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

```
.background{ background-color: rgb(201,  
199, 221) }
```

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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