

Converting Colors

CIELCh(81, 27.065, 293.118)

Have a look what the booklet for
CIELCh(81, 27.065, 293.118)
contains.

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Color

CIELCh(81, 27.146, 293.224)

Conversions

Conversions Part 1

Format	Color
Hex	C6C5F8
RGB	198, 197, 248
RGB Percent	78%, 77%, 97%
CMY	0.2250, 0.2289, 0.0290
CMYK	0.20, 0.21, 0.00, 0.03
HSL	241°, 78%, 87%
HSV	241°, 21%, 97%
XYZ	59.9538, 58.4711, 96.6156
YIQ	203.1130, -15.7750, 16.0730

Conversions

Conversions Part 2

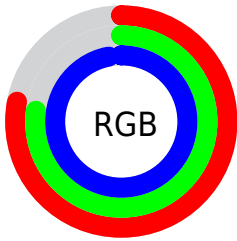
Format	Color
R _Y B	198, 197, 248
Decimal	13026808
CIE _{Lab}	81.00, 10.70, -24.95
CIE _{LCh}	81, 27.146, 293.224
Y _{xy}	58.4711, 0.2788, 0.2719
Android (android.graphics.Color)	4291216888 (0xFFC6C5F8)
Y _{UV}	203.1130, 22.1293, -4.4841
Hunter-Lab	76.4664, 6.1374, -21.3867

Details

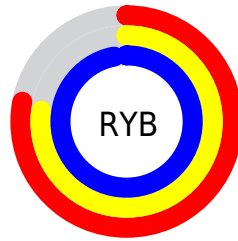
The CIELCh color `81, 27.146, 293.224` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `96, 25.867, 109.002`, and the grayscale version is `82, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.630, 323.973`, and `61, 27.065, 293.118` is the 20% darker color. If you saturate the color by 10%, you get `73, 41.195, 294.636`, and if you desaturate by 10%, it is `89, 13.678, 292.024`.

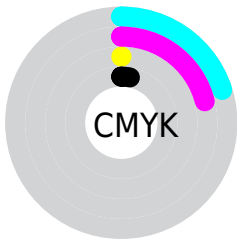
Distribution



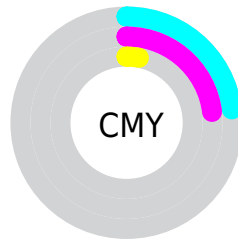
- Red (78%)
- Green (77%)
- Blue (97%)



- Red (78%)
- Yellow (77%)
- Blue (97%)



- Cyan (20%)
- Magenta (21%)
- Yellow (0%)
- Black (3%)



- Cyan (23%)
- Magenta (23%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 27.146, 293.224 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, 27.146, 293.224 by changing the saturation by 10% instead.

■ 81, 27.146,
293.224

■ 81, 27.146,
293.224

■ 100, 27.146,
293.224

■ 71, 27.146,
293.224

■ 61, 27.146,
293.224

■ 51, 27.146,
293.224

■ 41, 27.146,
293.224

■ 31, 27.146,
293.224

■ 21, 27.146,
293.224

■ 11, 27.146,

293.224

■ 1, 27.146, 293.224

■ 0, 27.146, 293.224

■ 81, 27.146,
293.224

■ 81, 27.146,
293.224

■ 73, 41.195,
294.636

■ 89, 13.678,
292.024

■ 65, 55.853,
296.284

■ 97, 0.756, 291.089

■ 57, 71.080,
298.168

■ 100, 3.736,
109.878

■ 50, 86.667,
300.241

■ 43, 102.007,

302.367

■ 37, 115.763,
304.289

■ 33, 125.827,
305.664

■ 31, 130.781,
306.327

Harmonies

Complementary

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



81, 27.146, 293.224



96, 25.867, 109.002

Rectangle

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



81, 27.146, 293.224



81, 27.146, 343.224



81, 27.146, 113.224



81, 27.146, 163.224

Sweetspot

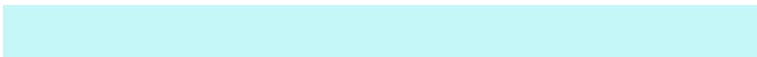
The Sweet Spot groups the original color and five complimentary colors.



81, 27.144, 293.223



95, 7.869, 291.540



94, 16.638, 199.894



50, 5.226, 291.607



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, 27.144, 293.223



80, 34.074, 293.824



83, 28.565, 310.604



48, 7.382, 291.905



23, 106.610, 306.343



3, 42.083, 301.245

Inverse Universe

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



85, 31.731, 326.101



85, 39.456, 326.348



94, 27.796, 128.713



49, 8.791, 325.471



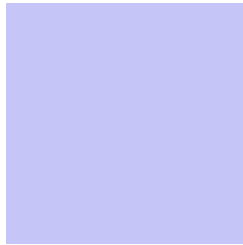
45, 90.760, 329.022



11, 41.143, 328.921

Previews

White Background



This preview shows how the CIELCh color 81, 27.146, 293.224 looks on a white background.

Color Contrast Check

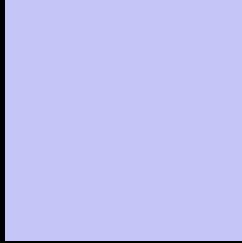
Large Text (above 18pt) WCAG AA × Fail

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, 27.146, 293.224 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

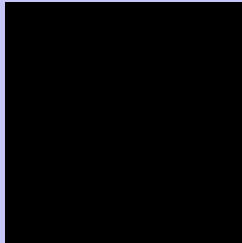
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 27.146, 293.224

Background



This preview shows how black text looks on a background with the CIELCh color 81, 27.146, 293.224.

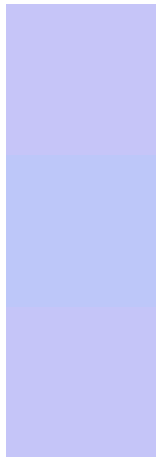


This preview shows how white text looks on a background with the CIELCh color 81, 27.146, 293.224.

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, 27.146, 293.224

Protanopia

81, 26.692, 285.536

Deuteranopia

81, 27.140, 292.535



Tritanopia
81, 9.117, 268.457

Trichromacy



Original Color
81, 27.146, 293.224

Protanomaly
81, 26.621, 288.291

Deuteranomaly
81, 27.140, 292.535

Tritanomaly
81, 15.509, 283.958

Monochromacy



Original Color
81, 27.146, 293.224

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 9.563, 291.024

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 27.146, 293.224 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(198, 197, 248)` looks like.

```
.text, #text, p{  
    color:rgb(198, 197, 248)  
}
```

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(198, 197, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 197, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 27.146, 293.224 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(198, 197, 248) }
```

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

```
.border{ border-color:rgb(198, 197, 248) }
```

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

Here you see how a box with a 4 pixel rgb(198, 197, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 197, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 197, 248);  
box-shadow:4px 4px 4px 4px rgb(198, 197,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 27.146, 293.224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 197, 248) }
```

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

```
.background{ background-color: rgb(198,  
197, 248) }
```

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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