

Converting Colors

CIELCh(81, 26.161, 286.045)

Have a look what the booklet for
CIELCh(81, 26.161, 286.045)
contains.

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Color

CIELCh(81, 26.138, 286.031)

Conversions

Conversions Part 1

Format	Color
Hex	BEC7F8
RGB	190, 199, 248
RGB Percent	75%, 78%, 97%
CMY	0.2555, 0.2202, 0.0281
CMYK	0.23, 0.20, 0.00, 0.03
HSL	231°, 80%, 86%
HSV	231°, 23%, 97%
XYZ	58.5034, 58.4711, 96.8800
YIQ	201.8950, -21.0930, 13.3310

Conversions

Conversions Part 2

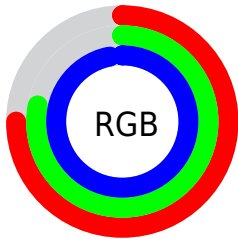
Format	Color
R _Y B	190, 198, 248
Decimal	12503032
CIE Lab	81.00, 7.22, -25.12
CIE LCh	81, 26.138, 286.031
Yxy	58.4711, 0.2736, 0.2734
Android (android.graphics.Color)	4290693112 (0xFFBEC7F8)
YUV	201.8950, 22.7298, -10.4319
Hunter-Lab	76.4664, 2.7517, -21.5917

Details

The CIELCh color `81, 26.138, 286.031` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `94, 25.251, 100.336`, and the grayscale version is `81, 0.010, 296.813`.

A 20% lighter version of the original color is `99, 2.770, 199.469`, and `61, 25.993, 286.396` is the 20% darker color. If you saturate the color by 10%, you get `74, 37.958, 287.724`, and if you desaturate by 10%, it is `88, 14.723, 284.587`.

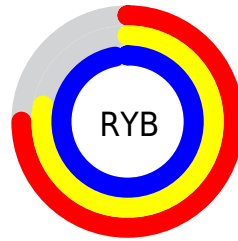
Distribution



Red (75%)

Green (78%)

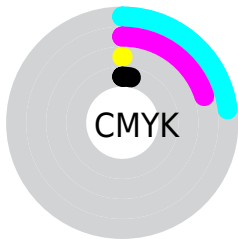
Blue (97%)



Red (75%)

Yellow (78%)

Blue (97%)

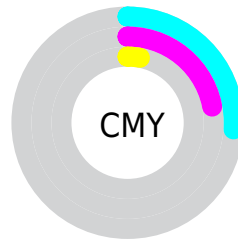


Cyan (23%)

Magenta (20%)

Yellow (0%)

Black (3%)



Cyan (26%)

Magenta (22%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 26.138, 286.031 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, 26.138, 286.031 by changing the saturation by 10% instead.

■ 81, 26.138,
286.031

■ 81, 26.138,
286.031

■ 100, 26.138,
286.031

■ 71, 26.138,
286.031

■ 61, 26.138,
286.031

■ 51, 26.138,
286.031

■ 41, 26.138,
286.031

■ 31, 26.138,
286.031

■ 21, 26.138,
286.031

■ 11, 26.138,

286.031

■ 1, 26.138, 286.031

■ 0, 26.138, 286.031

■ 81, 26.138,
286.031

■ 81, 26.138,
286.031

■ 74, 37.958,
287.724

■ 88, 14.723,
284.587

■ 67, 50.224,
289.705

■ 95, 3.684, 283.384

■ 60, 62.962,
291.991

■ 100, 3.619,
109.886

■ 53, 76.147,
294.568

■ 47, 89.607,

297.355

■ 41, 102.835,
300.174

■ 37, 114.787,
302.748

■ 34, 121.285,
304.130

Harmonies

Complementary

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



81, 26.138, 286.031



94, 25.251, 100.336

Rectangle

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



81, 26.138, 286.031



81, 26.138, 336.031



81, 26.138, 106.031



81, 26.138, 156.031

Sweetspot

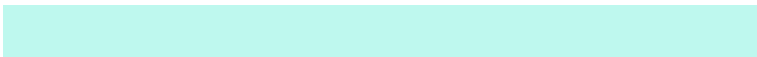
The Sweet Spot groups the original color and five complimentary colors.



81, 26.136, 286.030



95, 7.795, 283.786



94, 20.183, 183.769



50, 5.069, 283.858



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, 26.136, 286.030



80, 32.260, 286.783



80, 31.725, 304.497



48, 6.250, 284.087



25, 97.642, 303.781



5, 37.424, 297.944

Inverse Universe

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



82, 22.401, 9.122



81, 27.766, 9.748



95, 30.355, 121.750



49, 5.266, 7.521



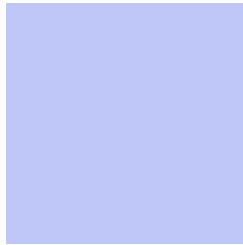
39, 76.401, 32.689



9, 31.213, 19.776

Previews

White Background



This preview shows how the CIELCh color 81, 26.138, 286.031 looks on a white background.

Color Contrast Check

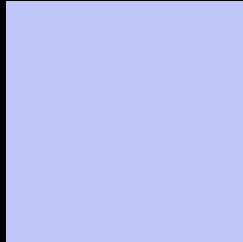
Large Text (above 18pt) WCAG AA × Fail

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, 26.138, 286.031 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

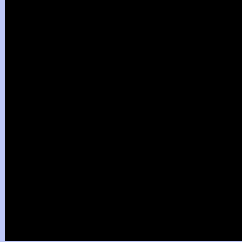
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 26.138, 286.031

Background



This preview shows how black text looks on a background with the CIELCh color 81, 26.138, 286.031.



This preview shows how white text looks on a background with the CIELCh color 81, 26.138, 286.031.

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

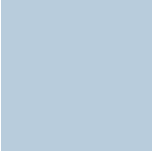
81, 26.138, 286.031

Protanopia

81, 26.138, 286.031

Deuteranopia

81, 27.136, 291.847



Tritanopia
81, 10.784, 251.343

Trichromacy



Original Color
81, 26.138, 286.031

Protanomaly
81, 26.138, 286.031

Deuteranomaly
81, 26.595, 289.678

Tritanomaly
81, 15.684, 271.393

Monochromacy



Original Color
81, 26.138, 286.031

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 9.603, 284.744

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 26.138, 286.031 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(190, 199, 248)` looks like.

```
.text, #text, p{  
    color:rgb(190, 199, 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(190, 199, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 199, 248) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 26.138, 286.031 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(190, 199, 248) }
```

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

```
.border{ border-color:rgb(190, 199, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 199, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 199, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 199, 248);  
box-shadow:4px 4px 4px 4px rgb(190, 199,  
248) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 26.138, 286.031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 199, 248) }
```

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

```
.background{ background-color: rgb(190,  
199, 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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