

Converting Colors

CIELCh(81, 16.037, 284.274)

Have a look what the booklet for
CIELCh(81, 16.037, 284.274)
contains.

CIELCh(81, 16.035, 284.269)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(81, 16.035, 284.269)

Conversions

Conversions Part 1

Format	Color
Hex	C2C8E6
RGB	194, 200, 230
RGB Percent	76%, 78%, 90%
CMY	0.2393, 0.2158, 0.0982
CMYK	0.16, 0.13, 0.00, 0.10
HSL	230°, 42%, 83%
HSV	230°, 16%, 90%
XYZ	57.1660, 58.4711, 83.1128
YIQ	201.6260, -13.2060, 8.0580

Conversions

Conversions Part 2

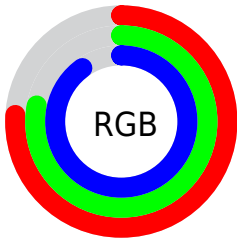
Format	Color
R_{YB}	194, 199, 230
Decimal	12765414
CIE _{Lab}	81.00, 3.95, -15.54
CIE _{LCh}	81, 16.035, 284.269
Yxy	58.4711, 0.2876, 0.2942
Android (android.graphics.Color)	4290955494 (0xFFC2C8E6)
YUV	201.6260, 13.9884, -6.6880
Hunter-Lab	76.4664, -0.3703, -10.9170

Details

The CIELCh color `81, 16.035, 284.269` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `89, 15.696, 100.573`, and the grayscale version is `81, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 1.389, 199.794`, and `61, 15.865, 284.236` is the 20% darker color. If you saturate the color by 10%, you get `74, 26.704, 285.765`, and if you desaturate by 10%, it is `88, 5.707, 282.999`.

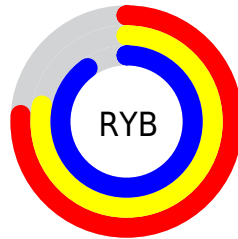
Distribution



Red (76%)

Green (78%)

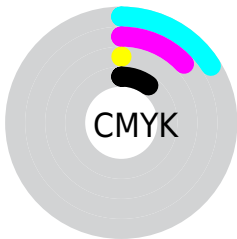
Blue (90%)



Red (76%)

Yellow (78%)

Blue (90%)

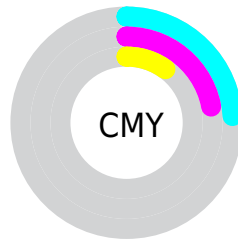


Cyan (16%)

Magenta (13%)

Yellow (0%)

Black (10%)



Cyan (24%)

Magenta (22%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 16.035, 284.269 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, 16.035, 284.269 by changing the saturation by 10% instead.

■ 81, 16.035,
284.269

■ 81, 16.035,
284.269

■ 100, 16.035,
284.269

■ 71, 16.035,
284.269

■ 61, 16.035,
284.269

■ 51, 16.035,
284.269

■ 41, 16.035,
284.269

■ 31, 16.035,
284.269

■ 21, 16.035,
284.269

■ 11, 16.035,

284.269

■ 1, 16.035, 284.269

■ 0, 16.035, 284.269

■ 81, 16.035,
284.269

■ 81, 16.035,
284.269

■ 74, 26.704,
285.765

■ 88, 5.707, 282.999

■ 68, 37.749,
287.525

■ 94, 4.302, 101.836

■ 61, 49.204,
289.576

■ 99, 12.668,
109.220

■ 55, 61.090,
291.935

■ 49, 73.378,

294.580

■ 43, 85.889,
297.420

■ 38, 98.122,
300.265

■ 34, 109.082,
302.835

■ 32, 113.141,
303.754

Harmonies

Complementary

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



81, 16.035, 284.269



89, 15.696, 100.573

Rectangle

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



81, 16.035, 284.269



81, 16.035, 334.269



81, 16.035, 104.269



81, 16.035, 154.269

Sweetspot

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



81, 16.033, 284.265



96, 5.484, 282.928



89, 13.013, 183.178



51, 3.745, 283.008



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, 16.033, 284.265



86, 21.278, 284.756



80, 19.664, 303.370



45, 5.753, 283.452



24, 92.433, 303.384



4, 29.810, 293.245

Inverse Universe

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



82, 13.837, 7.295



87, 18.437, 7.696



90, 19.092, 121.550



45, 4.925, 6.619



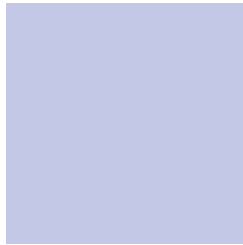
37, 72.592, 31.697



7, 26.703, 14.816

Previews

White Background



This preview shows how the CIELCh color 81, 16.035, 284.269 looks on a white background.

Color Contrast Check

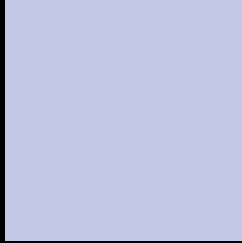
Large Text (above 18pt) WCAG AA × Fail

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, 16.035, 284.269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

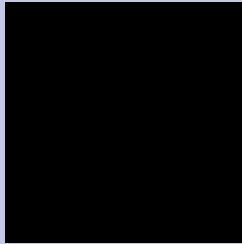
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 16.035, 284.269

Background



This preview shows how black text looks on a background with the CIELCh color 81, 16.035, 284.269.



This preview shows how white text looks on a background with the CIELCh color 81, 16.035, 284.269.

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, 16.035, 284.269

Protanopia

81, 16.503, 288.077

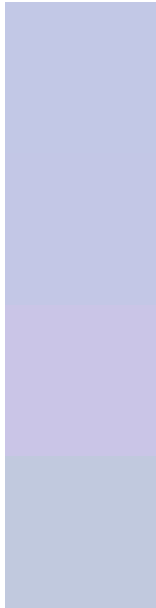
Deuteranopia

81, 19.013, 302.227



Tritanopia
81, 9.117, 268.457

Trichromacy



Original Color
81, 16.035, 284.269

Protanomaly
81, 16.521, 286.903

Deuteranomaly
81, 18.218, 297.158

Tritanomaly
81, 11.441, 277.171

Monochromacy



Original Color
81, 16.035, 284.269

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 5.880, 283.752

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 16.035, 284.269 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(194, 200, 230)` looks like.

```
.text, #text, p{  
    color:rgb(194, 200, 230)  
}
```

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(194, 200, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 200, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 16.035, 284.269 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(194, 200, 230) }
```

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

```
.border{ border-color:rgb(194, 200, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 200, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 200, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 200, 230);  
box-shadow:4px 4px 4px 4px rgb(194, 200,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 16.035, 284.269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 200, 230) }
```

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

```
.background{ background-color: rgb(194,  
200, 230) }
```

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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