

Converting Colors

CIELCh(84, 19.018, 283.150)

Have a look what the booklet for
CIELCh(84, 19.018, 283.150)
contains.

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Color

CIELCh(84, 19.121, 283.779)

Conversions

Conversions Part 1

Format	Color
Hex	C8D0F4
RGB	200, 208, 244
RGB Percent	78%, 82%, 96%
CMY	0.2149, 0.1835, 0.0423
CMYK	0.18, 0.15, 0.00, 0.04
HSL	229°, 67%, 87%
HSV	229°, 18%, 96%
XYZ	62.8432, 64.0658, 94.8123
YIQ	209.7120, -16.3240, 9.5000

Conversions

Conversions Part 2

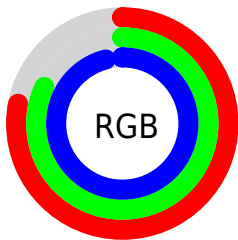
Format	Color
R _Y B	200, 207, 244
Decimal	13160692
CIE Lab	84.00, 4.55, -18.57
CIE LCh	84, 19.121, 283.779
Yxy	64.0658, 0.2834, 0.2889
Android (android.graphics.Color)	4291350772 (0xFFC8D0F4)
YUV	209.7120, 16.9040, -8.5174
Hunter-Lab	80.0411, 0.0749, -14.2029

Details

The CIELCh color `84, 19.121, 283.779` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `93, 18.693, 99.412`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `64, 19.092, 283.889` is the 20% darker color. If you saturate the color by 10%, you get `77, 30.204, 285.358`, and if you desaturate by 10%, it is `91, 8.384, 282.434`.

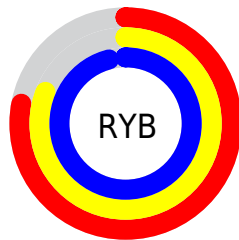
Distribution



Red (78%)

Green (82%)

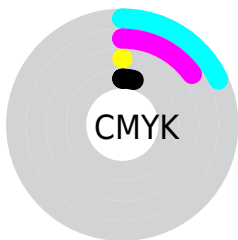
Blue (96%)



Red (78%)

Yellow (81%)

Blue (96%)

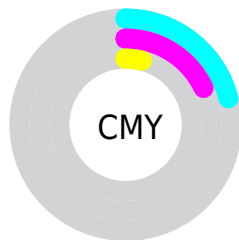


Cyan (18%)

Magenta (15%)

Yellow (0%)

Black (4%)



Cyan (21%)


Magenta (18%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 19.121, 283.779 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 84, 19.121, 283.779 by changing the saturation by 10% instead.


 84, 19.121,
283.779


 84, 19.121,
283.779


 100, 19.121,
283.779


 74, 19.121,
283.779

 64, 19.121,
283.779

 54, 19.121,
283.779

 44, 19.121,
283.779

 34, 19.121,
283.779

 24, 19.121,
283.779

 14, 19.121,

283.779

■ 4, 19.121, 283.779

■ 0, 19.121, 283.779

■ 84, 19.121,
283.779

■ 84, 19.121,
283.779

■ 77, 30.204,
285.358

■ 91, 8.384, 282.434

■ 70, 41.673,
287.212

■ 98, 2.027, 101.171

■ 64, 53.559,
289.370

■ 100, 5.457,
109.756

■ 57, 65.885,
291.843

■ 51, 78.611,

294.600

■ 45, 91.521,
297.532

■ 40, 104.048,
300.430

■ 35, 115.127,
302.996

■ 35, 117.050,
303.419

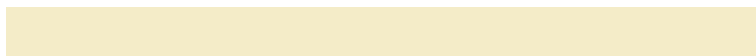
Harmonies

Complementary

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



84, 19.121, 283.779



93, 18.693, 99.412

Rectangle

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



84, 19.121, 283.779



84, 19.121, 333.779



84, 19.121, 103.779



84, 19.121, 153.779

Sweetspot

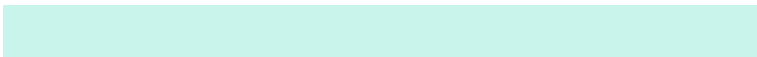
The Sweet Spot groups the original color and five complimentary colors.



84, 19.119, 283.776



96, 5.394, 282.079



93, 15.659, 182.948



51, 3.683, 282.160



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



84, 19.119, 283.776



84, 24.328, 284.383



83, 23.868, 303.535



48, 5.966, 282.617



26, 94.196, 303.020



5, 34.869, 296.376

Inverse Universe

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



85, 16.899, 6.419



85, 21.592, 6.914



94, 23.065, 121.409



48, 5.218, 5.463



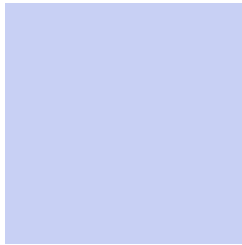
39, 74.265, 30.814



9, 30.070, 17.540

Previews

White Background



This preview shows how the CIE LCh color 84, 19.121, 283.779 looks on a white background.

Color Contrast Check

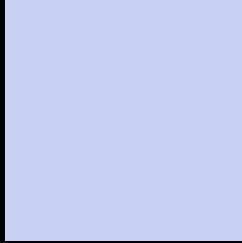
Large Text (above 18pt) WCAG AA × Fail

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 84, 19.121, 283.779 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

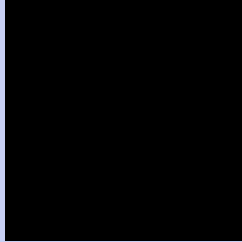
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 19.121, 283.779

Background



This preview shows how black text looks on a background with the CIELCh color 84, 19.121, 283.779.

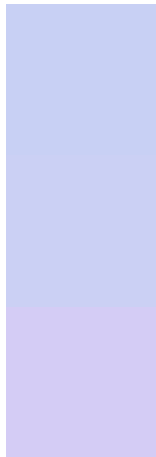


This preview shows how white text looks on a background with the CIELCh color 84, 19.121, 283.779.

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

84, 19.121, 283.779

Protanopia

84, 19.030, 286.748

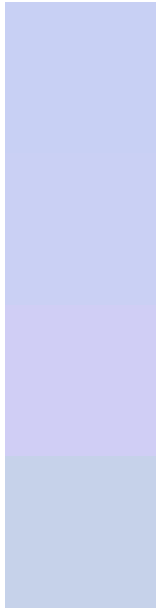
Deuteranopia

84, 21.892, 299.089



Tritanopia
84, 10.073, 262.390

Trichromacy



Original Color
84, 19.121, 283.779

Protanomaly
84, 19.055, 285.753

Deuteranomaly
84, 20.622, 293.791

Tritanomaly
84, 13.203, 273.263

Monochromacy



Original Color
84, 19.121, 283.779

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 6.923, 282.007

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 19.121, 283.779 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, 208, 244)` looks like.

```
.text, #text, p{  
    color:rgb(200, 208, 244)  
}
```

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, 208, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 208, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 19.121, 283.779 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, 208, 244) }
```

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

```
.border{ border-color:rgb(200, 208, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 208, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 208, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 208, 244);  
box-shadow:4px 4px 4px 4px rgb(200, 208,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 19.121, 283.779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 208, 244) }
```

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

```
.background{ background-color: rgb(200,  
208, 244) }
```

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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