

Converting Colors

CIELCh(85, 18.633, 295.501)

Have a look what the booklet for
CIELCh(85, 18.633, 295.501)
contains.

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Color

CIELCh(85, 18.486, 294.878)

Conversions

Conversions Part 1

Format	Color
Hex	D4D1F4
RGB	212, 209, 244
RGB Percent	83%, 82%, 96%
CMY	0.1693, 0.1811, 0.0438
CMYK	0.13, 0.14, 0.00, 0.04
HSL	245°, 61%, 89%
HSV	245°, 14%, 96%
XYZ	66.1603, 66.0070, 94.6992
YIQ	213.8870, -9.4470, 11.5210

Conversions

Conversions Part 2

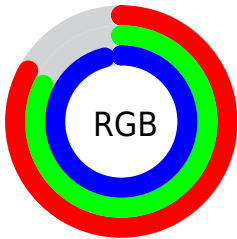
Format	Color
R _Y B	212, 209, 244
Decimal	13947380
CIE Lab	85.00, 7.78, -16.77
CIE LCh	85, 18.486, 294.878
Yxy	66.0070, 0.2916, 0.2910
Android (android.graphics.Color)	4292137460 (0xFFD4D1F4)
YUV	213.8870, 14.8457, -1.6549
Hunter-Lab	81.2447, 3.1803, -12.2374

Details

The CIELCh color `85, 18.486, 294.878` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `95, 17.889, 112.339`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `65, 18.395, 294.283` is the 20% darker color. If you saturate the color by 10%, you get `77, 32.011, 295.996`, and if you desaturate by 10%, it is `93, 5.500, 293.922`.

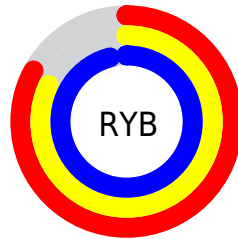
Distribution



Red (83%)

Green (82%)

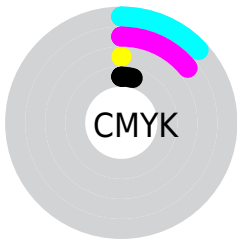
Blue (96%)



Red (83%)

Yellow (82%)

Blue (96%)

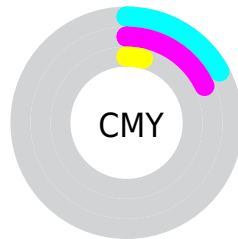


Cyan (13%)

Magenta (14%)

Yellow (0%)

Black (4%)



Cyan (17%)


Magenta (18%)


Yellow (4%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 18.486, 294.878 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 85, 18.486, 294.878 by changing the saturation by 10% instead.


 85, 18.486,
294.878


 85, 18.486,
294.878


 100, 18.486,
294.878


 75, 18.486,
294.878

 65, 18.486,
294.878

 55, 18.486,
294.878

 45, 18.486,
294.878

 35, 18.486,
294.878

 25, 18.486,
294.878

 15, 18.486,

294.878

■ 5, 18.486, 294.878

■ 0, 18.486, 294.878

■ 85, 18.486,
294.878

■ 85, 18.486,
294.878

■ 77, 32.011,
295.996

■ 93, 5.500, 293.922

■ 69, 46.108,
297.299

■ 100, 5.656,
109.741

■ 62, 60.763,
298.795

■ 54, 75.872,
300.466

■ 47, 91.103,

302.246

■ 41, 105.659,
303.980

■ 36, 118.029,
305.415

■ 32, 126.206,
306.254

■ 31, 128.908,
306.496

Harmonies

Complementary

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



85, 18.486, 294.878



95, 17.889, 112.339

Rectangle

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



85, 18.486, 294.878



85, 18.486, 344.878



85, 18.486, 114.878



85, 18.486, 164.878

Sweetspot

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



85, 18.484, 294.875



97, 5.240, 293.893



93, 10.955, 206.688



51, 3.729, 293.958



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 18.484, 294.875



86, 22.829, 295.160



86, 19.774, 312.538



47, 7.273, 294.392



23, 105.176, 306.554



3, 40.157, 301.743

Inverse Universe

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



88, 20.844, 327.654



89, 25.630, 327.814



94, 19.456, 131.309



48, 8.260, 327.363



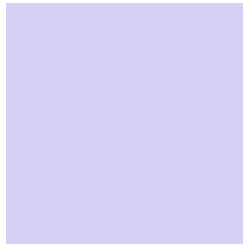
43, 85.299, 331.965



10, 38.263, 331.430

Previews

White Background



This preview shows how the CIELCh color 85, 18.486, 294.878 looks on a white background.

Color Contrast Check

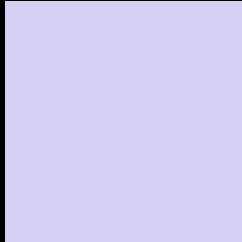
Large Text (above 18pt) WCAG AA × Fail

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 85, 18.486, 294.878 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

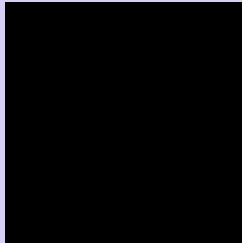
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 18.486, 294.878

Background



This preview shows how black text looks on a background with the CIELCh color 85, 18.486, 294.878.



This preview shows how white text looks on a background with the CIELCh color 85, 18.486, 294.878.

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
85, 18.486, 294.878

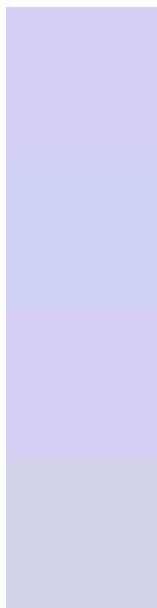
Protanopia
85, 18.452, 287.565

Deuteranopia
85, 19.923, 302.647



Tritanopia
85, 8.967, 286.483

Trichromacy



Original Color
85, 18.486, 294.878

Protanomaly
85, 18.428, 289.640

Deuteranomaly
85, 19.211, 299.905

Tritanomaly
85, 12.643, 291.253

Monochromacy



Original Color
85, 18.486, 294.878

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 6.855, 293.713

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 18.486, 294.878 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(212, 209, 244)` looks like.

```
.text, #text, p{  
    color:rgb(212, 209, 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(212, 209, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 209, 244) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 18.486, 294.878 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(212, 209, 244) }
```

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

```
.border{ border-color:rgb(212, 209, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 209, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 209, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 209, 244);  
box-shadow:4px 4px 4px 4px rgb(212, 209,  
244) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 18.486, 294.878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 209, 244) }
```

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

```
.background{ background-color: rgb(212,  
209, 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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