

Converting Colors

CIELCh(85, 23.995, 300.449)

Have a look what the booklet for
CIELCh(85, 23.995, 300.449)
contains.

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Color

CIELCh(85, 24.082, 300.961)

Conversions

Conversions Part 1

Format	Color
Hex	D9CEFB
RGB	217, 206, 251
RGB Percent	85%, 81%, 98%
CMY	0.1482, 0.1913, 0.0148
CMYK	0.14, 0.18, 0.00, 0.01
HSL	255°, 86%, 90%
HSV	255°, 18%, 99%
XYZ	68.2478, 66.0070, 100.5915
YIQ	214.4190, -7.8890, 16.3270

Conversions

Conversions Part 2

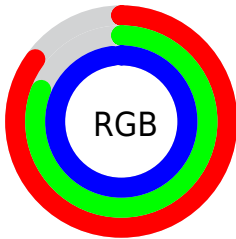
Format	Color
R _Y B	217, 206, 251
Decimal	14274299
CIE Lab	85.00, 12.39, -20.65
CIE LCh	85, 24.082, 300.961
Yxy	66.0070, 0.2906, 0.2811
Android (android.graphics.Color)	4292464379 (0xFFD9CEFB)
YUV	214.4190, 18.0344, 2.2635
Hunter-Lab	81.2447, 7.7666, -16.5374

Details

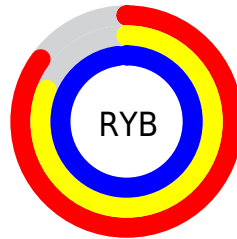
The CIELCh color `85, 24.082, 300.961` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `97, 23.204, 118.557`, and the grayscale version is `86, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `65, 23.727, 301.014` is the 20% darker color. If you saturate the color by 10%, you get `77, 38.226, 301.811`, and if you desaturate by 10%, it is `93, 10.446, 300.213`.

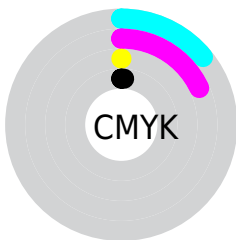
Distribution



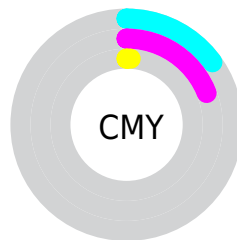
- Red (85%)
- Green (81%)
- Blue (98%)



- Red (85%)
- Yellow (81%)
- Blue (98%)



- Cyan (14%)
- Magenta (18%)
- Yellow (0%)
- Black (1%)



- Cyan (15%)
- Magenta (19%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 24.082, 300.961 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, 24.082, 300.961 by changing the saturation by 10% instead.

■ 85, 24.082,
300.961

■ 85, 24.082,
300.961

■ 100, 24.082,
300.961

■ 75, 24.082,
300.961

■ 65, 24.082,
300.961

■ 55, 24.082,
300.961

■ 45, 24.082,
300.961

■ 35, 24.082,
300.961

■ 25, 24.082,
300.961

■ 15, 24.082,

300.961

■ 5, 24.082, 300.961

■ 0, 24.082, 300.961

■ 85, 24.082,
300.961

■ 85, 24.082,
300.961

■ 77, 38.226,
301.811

■ 93, 10.446,
300.213

■ 70, 52.861,
302.770

100, 1.906,
109.995

■ 62, 67.893,
303.823

■ 55, 83.083,
304.935

■ 48, 97.923,

306.026

■ 42, 111.454,
306.955

■ 38, 122.207,
307.521

■ 34, 128.754,
307.546

■ 34, 129.802,
307.532

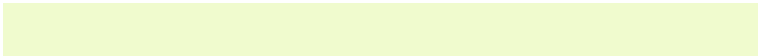
Harmonies

Complementary

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



85, 24.082, 300.961



97, 23.204, 118.557

Rectangle

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



85, 24.082, 300.961



85, 24.082, 350.961



85, 24.082, 120.961



85, 24.082, 170.961

Sweetspot

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



85, 24.080, 300.960



96, 6.647, 300.013



93, 12.584, 224.395



51, 4.540, 300.061



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, 24.080, 300.960



84, 28.736, 301.212



87, 26.291, 317.545



48, 7.491, 300.324



24, 104.488, 307.665



4, 42.682, 305.917

Inverse Universe

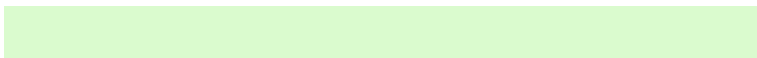
The Inverse Universe completely reimagines the original color for something new.



88, 23.891, 333.308



87, 28.375, 333.527



95, 25.978, 135.953



49, 7.512, 332.721



42, 76.394, 341.011



11, 35.339, 339.019

Previews

White Background



This preview shows how the CIELCh color 85, 24.082, 300.961 looks on a white background.

Color Contrast Check

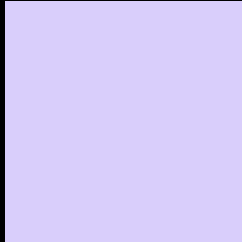
Large Text (above 18pt) WCAG AA × Fail

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, 24.082, 300.961 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

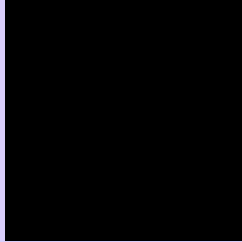
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 24.082, 300.961

Background



This preview shows how black text looks on a background with the CIELCh color 85, 24.082, 300.961.

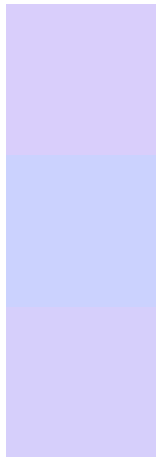


This preview shows how white text looks on a background with the CIELCh color 85, 24.082, 300.961.

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

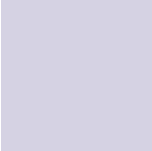
85, 24.082, 300.961

Protanopia

85, 23.223, 286.455

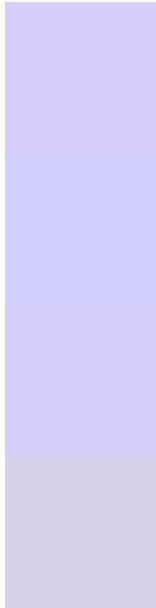
Deuteranopia

85, 23.360, 297.863



Tritanopia
85, 9.035, 297.636

Trichromacy



Original Color
85, 24.082, 300.961

Protanomaly
85, 23.170, 291.305

Deuteranomaly
85, 23.398, 298.681

Tritanomaly
85, 14.409, 299.645

Monochromacy



Original Color
85, 24.082, 300.961

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 8.552, 300.355

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 24.082, 300.961 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(217, 206, 251)` looks like.

```
.text, #text, p{  
    color:rgb(217, 206, 251)  
}
```

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(217, 206, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 206, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 24.082, 300.961 is called "border". The border property can be set on classes, ids or directly on the HTML element.

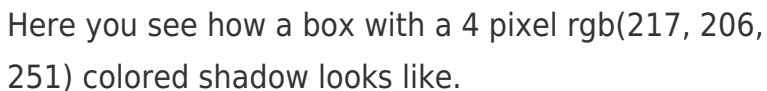
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 206, 251) }
```

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

```
.border{ border-color:rgb(217, 206, 251) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 206, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 206, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 206, 251); box-shadow:4px 4px 4px 4px rgb(217, 206, 251) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 24.082, 300.961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 206, 251) }
```

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

```
.background{ background-color: rgb(217,  
206, 251) }
```

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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