

Converting Colors

CIELCh(85, 23.391, 298.500)

Have a look what the booklet for
CIELCh(85, 23.391, 298.500)
contains.

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Color

CIELCh(85, 23.398, 298.681)

Conversions

Conversions Part 1

Format	Color
Hex	D7CFFB
RGB	215, 207, 251
RGB Percent	84%, 81%, 98%
CMY	0.1570, 0.1884, 0.0159
CMYK	0.14, 0.18, 0.00, 0.02
HSL	251°, 84%, 90%
HSV	251°, 18%, 98%
XYZ	67.7188, 66.0070, 100.4002
YIQ	214.4080, -9.3560, 15.3800

Conversions

Conversions Part 2

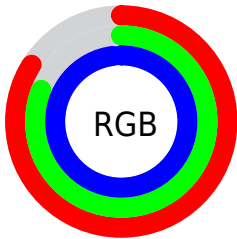
Format	Color
R_{YB}	215, 207, 251
Decimal	14143483
CIE _{Lab}	85.00, 11.23, -20.53
CIE _{LCh}	85, 23.398, 298.681
Yxy	66.0070, 0.2892, 0.2819
Android (android.graphics.Color)	4292333563 (0xFFD7CFFB)
YUV	214.4080, 18.0399, 0.5192
Hunter-Lab	81.2447, 6.6046, -16.3978

Details

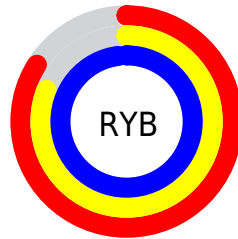
The CIELCh color `85, 23.398, 298.681` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `97, 22.518, 116.045`, and the grayscale version is `86, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `65, 23.014, 298.592` is the 20% darker color. If you saturate the color by 10%, you get `77, 37.469, 299.646`, and if you desaturate by 10%, it is `93, 9.861, 297.842`.

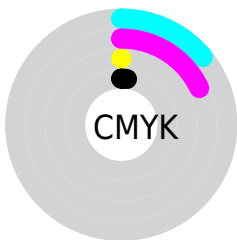
Distribution



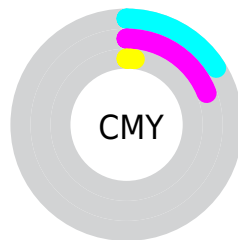
- Red (84%)
- Green (81%)
- Blue (98%)



- Red (84%)
- Yellow (81%)
- Blue (98%)



- Cyan (14%)
- Magenta (18%)
- Yellow (0%)
- Black (2%)





- Cyan (16%)
- Magenta (19%)
- Yellow (2%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 23.398, 298.681 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, 23.398, 298.681 by changing the saturation by 10% instead.


 85, 23.398,
298.681


 85, 23.398,
298.681


 100, 23.398,
298.681


 75, 23.398,
298.681

 65, 23.398,
298.681

 55, 23.398,
298.681

 45, 23.398,
298.681

 35, 23.398,
298.681

 25, 23.398,
298.681

 15, 23.398,

298.681

■ 5, 23.398, 298.681

■ 0, 23.398, 298.681

■ 85, 23.398,
298.681

■ 85, 23.398,
298.681

■ 77, 37.469,
299.646

■ 93, 9.861, 297.842

■ 69, 52.075,
300.748

100, 2.040,
109.988

■ 62, 67.150,
301.981

■ 54, 82.491,
303.311

■ 47, 97.619,

304.656

■ 41, 111.563,
305.863

■ 37, 122.745,
306.704

■ 34, 129.505,
306.965

■ 33, 130.725,
306.997

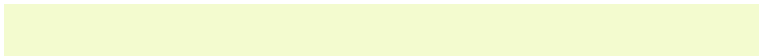
Harmonies

Complementary

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



85, 23.398, 298.681



97, 22.518, 116.045

Rectangle

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



85, 23.398, 298.681



85, 23.398, 348.681



85, 23.398, 118.681



85, 23.398, 168.681

Sweetspot

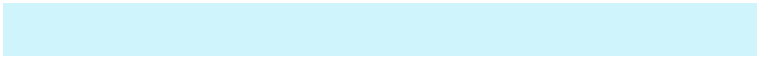
The Sweet Spot groups the original color and five complimentary colors.



85, 23.396, 298.679



96, 6.604, 297.649



94, 12.722, 216.052



51, 4.511, 297.702



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, 23.396, 298.679



83, 28.586, 299.001



87, 25.286, 315.410



48, 7.445, 297.997



24, 105.348, 307.102



4, 42.517, 304.574

Inverse Universe

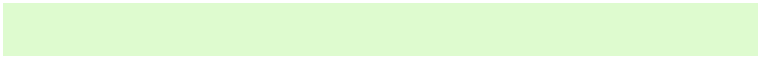
The Inverse Universe completely reimagines the original color for something new.



88, 24.406, 330.982



87, 29.646, 331.210



96, 24.906, 133.893



49, 7.854, 330.458



43, 79.983, 337.082



11, 36.824, 335.768

Previews

White Background



This preview shows how the CIE LCh color 85, 23.398, 298.681 looks on a white background.

Color Contrast Check

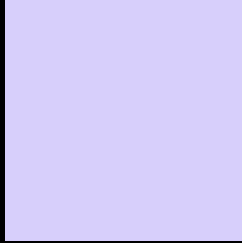
Large Text (above 18pt) WCAG AA × Fail

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, 23.398, 298.681 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, 23.398, 298.681

Background



This preview shows how black text looks on a background with the CIELCh color 85, 23.398, 298.681.

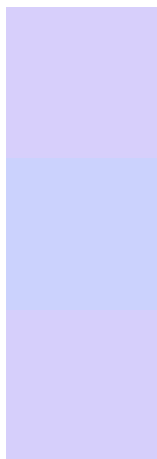


This preview shows how white text looks on a background with the CIELCh color 85, 23.398, 298.681.

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, 23.398, 298.681

Protanopia

85, 22.702, 286.269

Deuteranopia

85, 23.360, 297.863



Tritanopia
85, 8.951, 290.944

Trichromacy



Original Color
85, 23.398, 298.681

Protanomaly
85, 22.647, 290.408

Deuteranomaly
85, 23.360, 297.863

Tritanomaly
85, 13.722, 294.213

Monochromacy



Original Color
85, 23.398, 298.681

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 8.505, 298.018

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 23.398, 298.681 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(215, 207, 251)` looks like.

```
.text, #text, p{  
    color:rgb(215, 207, 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(215, 207, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 207, 251) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 23.398, 298.681 is called "border". The border property can be set on classes, ids or directly on the HTML element.

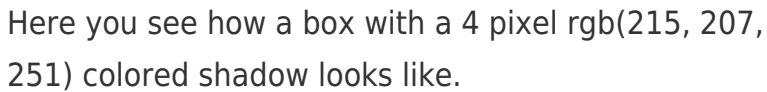
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 207, 251) }
```

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

```
.border{ border-color:rgb(215, 207, 251) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 207, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 207, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 207, 251);  
box-shadow:4px 4px 4px 4px rgb(215, 207,  
251) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 23.398, 298.681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 207, 251) }
```

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

```
.background{ background-color: rgb(215,  
207, 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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