

Converting Colors

CIELCh(85, 25.682, 297.158)

Have a look what the booklet for
CIELCh(85, 25.682, 297.158)
contains.

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Color

CIELCh(85, 25.420, 296.768)

Conversions

Conversions Part 1

Format	Color
Hex	D5CFFF
RGB	213, 207, 255
RGB Percent	84%, 81%, 100%
CMY	0.1646, 0.1881, 0.0000
CMYK	0.16, 0.19, 0.00, 0.00
HSL	248°, 100%, 91%
HSV	248°, 19%, 100%
XYZ	67.8186, 66.0070, 103.7933
YIQ	214.2660, -11.8320, 16.2000

Conversions

Conversions Part 2

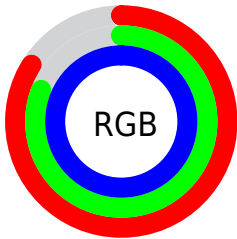
Format	Color
R _Y B	213, 207, 255
Decimal	14012415
CIE Lab	85.00, 11.45, -22.70
CIE LCh	85, 25.420, 296.768
Yxy	66.0070, 0.2854, 0.2778
Android (android.graphics.Color)	4292202495 (0xFFD5CFFF)
YUV	214.2660, 20.0819, -1.1103
Hunter-Lab	81.2447, 6.8237, -18.8740

Details

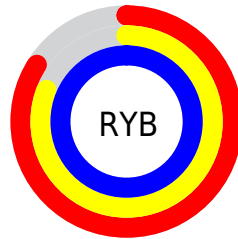
The CIELCh color `85, 25.420, 296.768` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `98, 24.344, 113.605`, and the grayscale version is `86, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `65, 25.158, 296.660` is the 20% darker color. If you saturate the color by 10%, you get `77, 39.709, 297.878`, and if you desaturate by 10%, it is `93, 11.669, 295.814`.

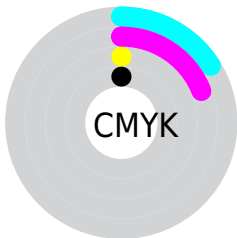
Distribution



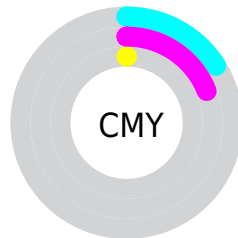
- Red (84%)
- Green (81%)
- Blue (100%)



- Red (84%)
- Yellow (81%)
- Blue (100%)



- Cyan (16%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)





- Cyan (16%)
- Magenta (19%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 25.420, 296.768 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, 25.420, 296.768 by changing the saturation by 10% instead.


 85, 25.420,
296.768


 85, 25.420,
296.768


 100, 25.420,
296.768


 75, 25.420,
296.768

 65, 25.420,
296.768

 55, 25.420,
296.768

 45, 25.420,
296.768

 35, 25.420,
296.768

 25, 25.420,
296.768

 15, 25.420,

296.768

■ 5, 25.420, 296.768

■ 0, 25.420, 296.768

■ 85, 25.420,
296.768

■ 85, 25.420,
296.768

■ 77, 39.709,
297.878

■ 93, 11.669,
295.814

■ 69, 54.586,
299.154

100, 0.012,
296.813

■ 61, 69.977,
300.594

■ 54, 85.674,
302.160

■ 47, 101.143,

303.756

■ 40, 115.271,
305.196

■ 36, 126.250,
306.214

■ 33, 132.465,
306.613

■ 33, 133.028,
306.652

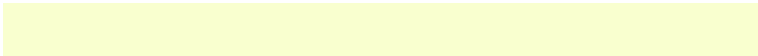
Harmonies

Complementary

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



85, 25.420, 296.768



98, 24.344, 113.605

Rectangle

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



85, 25.420, 296.768



85, 25.420, 346.768



85, 25.420, 116.768



85, 25.420, 166.768

Sweetspot

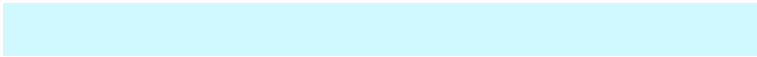
The Sweet Spot groups the original color and five complimentary colors.



85, 25.405, 296.768



95, 7.904, 295.572



95, 14.276, 210.250



50, 5.249, 295.627



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, 25.405, 296.768



82, 31.324, 297.213



87, 27.219, 313.845



49, 7.538, 295.875



24, 107.017, 306.729



4, 44.411, 304.177

Inverse Universe

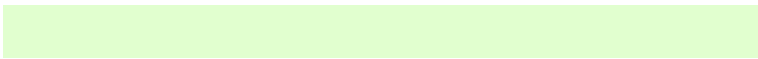
The Inverse Universe completely reimagines the original color for something new.



88, 27.616, 329.157



86, 33.782, 329.415



97, 26.704, 132.207



50, 8.311, 328.582



44, 84.378, 333.944



12, 39.276, 333.172

Previews

White Background



This preview shows how the CIELCh color 85, 25.420, 296.768 looks on a white background.

Color Contrast Check

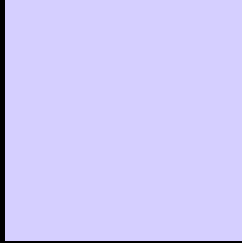
Large Text (above 18pt) WCAG AA × Fail

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, 25.420, 296.768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

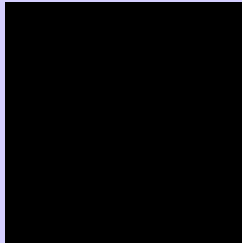
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 25.420, 296.768

Background



This preview shows how black text looks on a background with the CIELCh color 85, 25.420, 296.768.

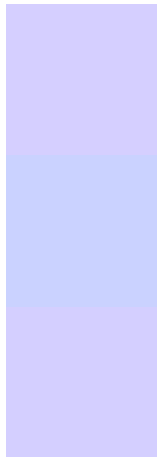


This preview shows how white text looks on a background with the CIELCh color 85, 25.420, 296.768.

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

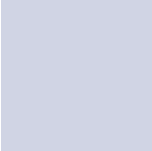
85, 25.420, 296.768

Protanopia

85, 23.771, 285.858

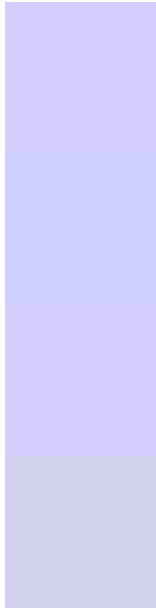
Deuteranopia

85, 25.393, 296.023



Tritanopia
85, 8.509, 281.470

Trichromacy



Original Color
85, 25.420, 296.768

Protanomaly
85, 24.227, 289.882

Deuteranomaly
85, 25.393, 296.023

Tritanomaly
85, 14.747, 291.427

Monochromacy



Original Color
85, 25.420, 296.768

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 9.549, 297.297

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 25.420, 296.768 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(213, 207, 255)` looks like.

```
.text, #text, p{  
    color:rgb(213, 207, 255)  
}
```

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(213, 207, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 207, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 25.420, 296.768 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(213, 207, 255) }
```

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

```
.border{ border-color:rgb(213, 207, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 207, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 207, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 207, 255);  
box-shadow:4px 4px 4px 4px rgb(213, 207,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 25.420, 296.768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 207, 255) }
```

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

```
.background{ background-color: rgb(213,  
207, 255) }
```

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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