

Converting Colors

CIELCh(85, 26.737, 300.712)

Have a look what the booklet for
CIELCh(85, 26.737, 300.712)
contains.

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Color

CIELCh(85, 26.158, 300.356)

Conversions

Conversions Part 1

Format	Color
Hex	D9CEFF
RGB	217, 206, 255
RGB Percent	85%, 81%, 100%
CMY	0.1496, 0.1927, 0.0006
CMYK	0.15, 0.19, 0.00, 0.00
HSL	253°, 99%, 90%
HSV	253°, 19%, 100%
XYZ	68.6282, 66.0070, 103.5971
YIQ	214.8750, -9.1730, 17.5710

Conversions

Conversions Part 2

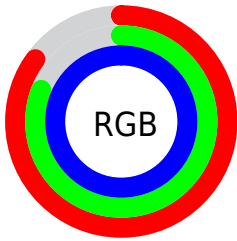
Format	Color
R _Y B	217, 206, 255
Decimal	14274303
CIE Lab	85.00, 13.22, -22.57
CIE LCh	85, 26.158, 300.356
Yxy	66.0070, 0.2881, 0.2771
Android (android.graphics.Color)	4292464383 (0xFFD9CEFF)
YUV	214.8750, 19.7816, 1.8636
Hunter-Lab	81.2447, 8.6025, -18.7308

Details

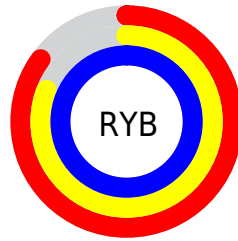
The CIELCh color `85, 26.158, 300.356` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `98, 25.113, 117.663`, and the grayscale version is `86, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `65, 25.919, 300.427` is the 20% darker color. If you saturate the color by 10%, you get `77, 40.522, 301.259`, and if you desaturate by 10%, it is `93, 12.317, 299.564`.

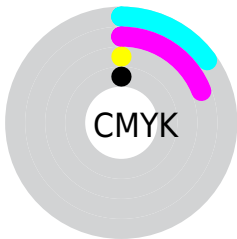
Distribution



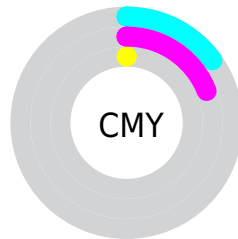
- Red (85%)
- Green (81%)
- Blue (100%)



- Red (85%)
- Yellow (81%)
- Blue (100%)



- Cyan (15%)
- Magenta (19%)
- Yellow (0%)
- Black (0%)





- Cyan (15%)
- Magenta (19%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 26.158, 300.356 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, 26.158, 300.356 by changing the saturation by 10% instead.


 85, 26.158,
300.356


 85, 26.158,
300.356


 100, 26.158,
300.356


 75, 26.158,
300.356

 65, 26.158,
300.356

 55, 26.158,
300.356

 45, 26.158,
300.356

 35, 26.158,
300.356

 25, 26.158,
300.356

 15, 26.158,

300.356

■ 5, 26.158, 300.356

■ 0, 26.158, 300.356

■ 85, 26.158,
300.356

■ 85, 26.158,
300.356

■ 77, 40.522,
301.259

■ 93, 12.317,
299.564

■ 69, 55.392,
302.279

100, 0.068,
109.045

■ 62, 70.666,
303.402

■ 55, 86.085,
304.586

■ 48, 101.084,

305.744

■ 42, 114.607,
306.720

■ 37, 125.066,
307.297

■ 34, 131.200,
307.336

■ 34, 131.589,
307.337

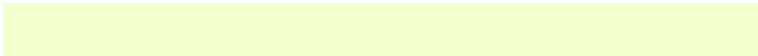
Harmonies

Complementary

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



85, 26.158, 300.356



98, 25.113, 117.663

Rectangle

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



85, 26.158, 300.356



85, 26.158, 350.356



85, 26.158, 120.356



85, 26.158, 170.356

Sweetspot

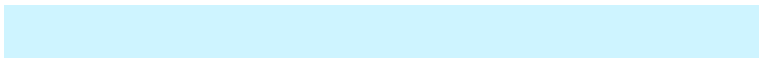
The Sweet Spot groups the original color and five complimentary colors.



85, 26.156, 300.355



95, 7.971, 299.332



94, 13.692, 222.338



50, 5.293, 299.378



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, 26.156, 300.355



82, 31.535, 300.683



87, 28.456, 317.080



49, 7.600, 299.585



25, 105.848, 307.460



4, 44.607, 306.039

Inverse Universe

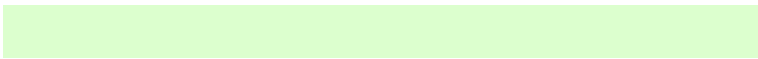
The Inverse Universe completely reimagines the original color for something new.



88, 26.315, 332.641



86, 31.527, 332.903



96, 28.069, 135.374



50, 7.747, 331.977



43, 78.263, 339.716



11, 36.726, 338.030

Previews

White Background



This preview shows how the CIELCh color 85, 26.158, 300.356 looks on a white background.

Color Contrast Check

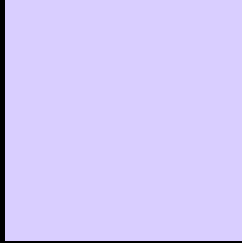
Large Text (above 18pt) WCAG AA × Fail

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, 26.158, 300.356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

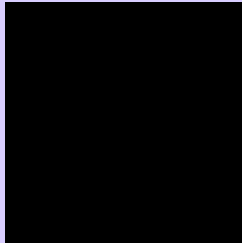
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 26.158, 300.356

Background



This preview shows how black text looks on a background with the CIELCh color 85, 26.158, 300.356.

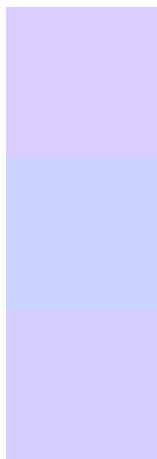


This preview shows how white text looks on a background with the CIELCh color 85, 26.158, 300.356.

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, 26.158, 300.356

Protanopia

85, 23.771, 285.858

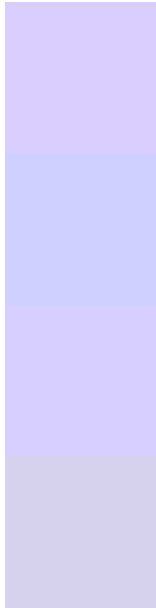
Deuteranopia

85, 25.393, 296.023



Tritanopia
85, 8.437, 293.281

Trichromacy



Original Color
85, 26.158, 300.356

Protanomaly
85, 24.767, 291.498

Deuteranomaly
85, 25.451, 297.514

Tritanomaly
85, 14.882, 298.065

Monochromacy



Original Color
85, 26.158, 300.356

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 9.071, 299.836

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 26.158, 300.356 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(217, 206, 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(217, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 206, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 26.158, 300.356 is called "border". The border property can be set on classes, ids or directly on the HTML element.

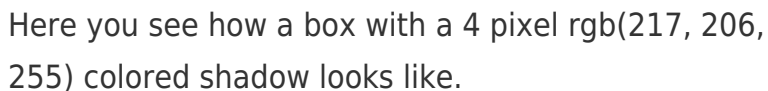
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 206, 255) }
```

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

```
.border{ border-color:rgb(217, 206, 255) }
```

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, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(217, 206,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 26.158, 300.356 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, 255) }
```

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

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