

Converting Colors

CIELCh(88, 73.167, 297.714)

Have a look what the booklet for
CIELCh(88, 73.167, 297.714)
contains.

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Color

CIELCh(85, 26.615, 298.808)

Conversions

Conversions Part 1

Format	Color
Hex	D7CEFF
RGB	215, 206, 255
RGB Percent	84%, 81%, 100%
CMY	0.1561, 0.1914, 0.0000
CMYK	0.16, 0.19, 0.00, 0.00
HSL	251°, 100%, 90%
HSV	251°, 19%, 100%
XYZ	68.4473, 66.0070, 104.7855
YIQ	214.2770, -10.3650, 17.1470

Conversions

Conversions Part 2

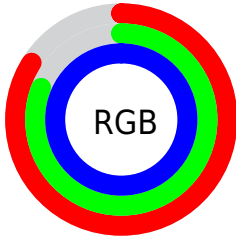
Format	Color
R _{YB}	215, 206, 255
Decimal	14143231
CIE Lab	85.00, 12.83, -23.32
CIE LCh	85, 26.615, 298.808
Yxy	66.0070, 0.2861, 0.2759
Android (android.graphics.Color)	4292333311 (0xFFD7CEFF)
YUV	214.2770, 20.0764, 0.6341
Hunter-Lab	81.2447, 8.2051, -19.5981

Details

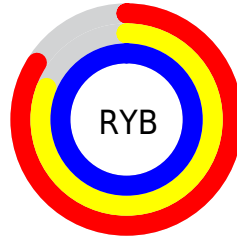
The CIELCh color `85, 26.615, 298.808` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `98, 24.904, 116.048`, and the grayscale version is `86, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `65, 25.835, 298.908` is the 20% darker color. If you saturate the color by 10%, you get `77, 40.316, 299.916`, and if you desaturate by 10%, it is `93, 12.167, 298.079`.

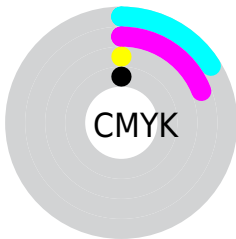
Distribution



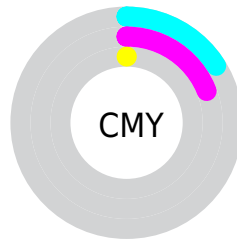
- Red (84%)
- Green (81%)
- Blue (100%)



- 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, 26.615, 298.808 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, 26.615, 298.808 by changing the saturation by 10% instead.

 85, 26.615,
298.808


 85, 26.615,
298.808


 100, 26.615,
298.808


 75, 26.615,
298.808

 65, 26.615,
298.808

 55, 26.615,
298.808

 45, 26.615,
298.808

 35, 26.615,
298.808

 25, 26.615,
298.808

 15, 26.615,

298.808

■ 5, 26.615, 298.808

■ 0, 26.615, 298.808

■ 85, 26.615,
298.808

■ 85, 26.615,
298.808

■ 77, 40.316,
299.916

■ 93, 12.167,
298.079

■ 69, 55.197,
301.034

100, 0.012,
296.813

■ 62, 70.529,
302.277

■ 54, 86.070,
303.607

■ 47, 101.267,

304.931

■ 41, 115.035,
306.082

■ 37, 125.697,
306.825

■ 34, 131.863,
307.001

■ 34, 132.286,
307.013

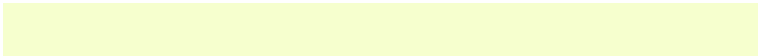
Harmonies

Complementary

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



85, 26.615, 298.808



98, 24.904, 116.048

Rectangle

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



85, 26.615, 298.808



85, 26.615, 348.808



85, 26.615, 118.808



85, 26.615, 168.808

Sweetspot

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



85, 25.969, 298.933



95, 7.940, 297.836



94, 13.865, 218.139



50, 5.273, 297.886



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, 25.969, 298.933



82, 31.438, 299.296



87, 28.125, 316.017



49, 7.571, 298.108



24, 106.380, 307.119



4, 44.528, 305.253

Inverse Universe

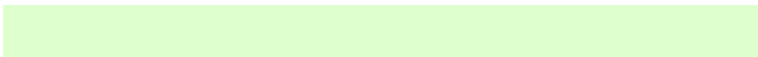
The Inverse Universe completely reimagines the original color for something new.



88, 26.957, 331.192



86, 32.412, 331.447



97, 27.691, 134.341



50, 7.969, 330.561



44, 80.597, 337.266



11, 37.709, 335.981

Previews

White Background



This preview shows how the CIELCh color 85, 26.615, 298.808 looks on a white background.

Color Contrast Check

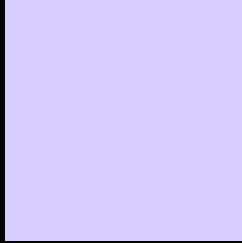
Large Text (above 18pt) WCAG AA × Fail

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, 26.615, 298.808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

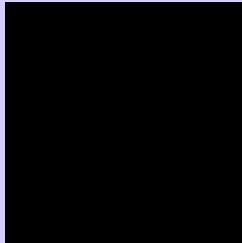
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 26.615, 298.808

Background



This preview shows how black text looks on a background with the CIELCh color 85, 26.615, 298.808.

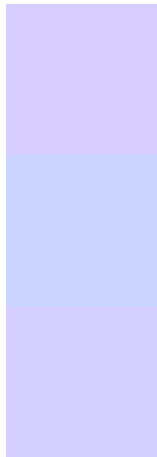


This preview shows how white text looks on a background with the CIELCh color 85, 26.615, 298.808.

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, 26.070, 298.903

Protanopia

85, 23.771, 285.858

Deuteranopia

85, 25.393, 296.023



Tritanopia
85, 8.952, 288.709

Trichromacy



Original Color
85, 26.070, 298.903

Protanomaly
85, 24.222, 290.654

Deuteranomaly
85, 25.420, 296.768

Tritanomaly
85, 15.335, 295.315

Monochromacy



Original Color
85, 26.070, 298.903

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, 26.615, 298.808 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, 206, 255)` looks like.

```
.text, #text, p{  
    color:rgb(215, 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(215, 206, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 206, 255) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 26.615, 298.808 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, 206, 255) }
```

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

```
.border{ border-color:rgb(215, 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(215, 206, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 206, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 206, 255);  
box-shadow:4px 4px 4px 4px rgb(215, 206,  
255) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 26.615, 298.808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 206, 255) }
```

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

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