

Converting Colors

CIELCh(84, 26.321, 296.901)

Have a look what the booklet for
CIELCh(84, 26.321, 296.901)
contains.

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Color

CIELCh(84, 26.538, 296.679)

Conversions

Conversions Part 1

Format	Color
Hex	D2CCFE
RGB	210, 204, 254
RGB Percent	82%, 80%, 100%
CMY	0.1763, 0.1999, 0.0038
CMYK	0.17, 0.20, 0.00, 0.00
HSL	247°, 96%, 90%
HSV	247°, 20%, 100%
XYZ	66.0833, 64.0658, 102.6783
YIQ	211.4940, -12.4740, 16.8220

Conversions

Conversions Part 2

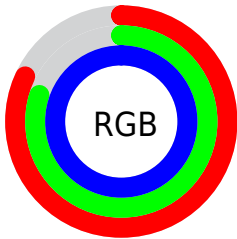
Format	Color
R _Y B	210, 204, 254
Decimal	13815038
CIE Lab	84.00, 11.92, -23.71
CIE LCh	84, 26.538, 296.679
Yxy	64.0658, 0.2838, 0.2752
Android (android.graphics.Color)	4292005118 (0xFFD2CCFE)
YUV	211.4940, 20.9555, -1.3102
Hunter-Lab	80.0411, 7.3008, -20.0296

Details

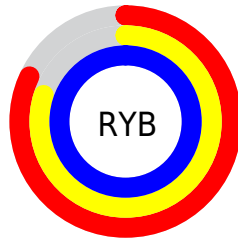
The CIELCh color `84, 26.538, 296.679` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `98, 25.372, 113.325`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `64, 26.355, 296.620` is the 20% darker color. If you saturate the color by 10%, you get `76, 40.844, 297.813`, and if you desaturate by 10%, it is `92, 12.797, 295.701`.

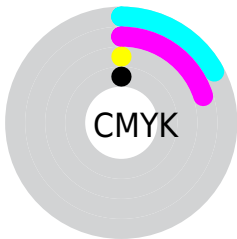
Distribution



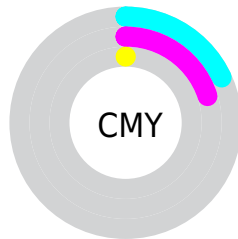
- Red (82%)
- Green (80%)
- Blue (100%)



- Red (82%)
- Yellow (80%)
- Blue (100%)



- Cyan (17%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)




- Cyan (18%)
- Magenta (20%)
- Yellow (0%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 26.538, 296.679 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 84, 26.538, 296.679 by changing the saturation by 10% instead.


 84, 26.538,
296.679


 84, 26.538,
296.679


 100, 26.538,
296.679


 74, 26.538,
296.679

 64, 26.538,
296.679

 54, 26.538,
296.679

 44, 26.538,
296.679

 34, 26.538,
296.679

 24, 26.538,
296.679

 14, 26.538,

296.679

■ 4, 26.538, 296.679

■ 0, 26.538, 296.679

■ 84, 26.538,
296.679

■ 84, 26.538,
296.679

■ 76, 40.844,
297.813

■ 92, 12.797,
295.701

■ 68, 55.725,
299.119

100, 0.400,
114.807

■ 60, 71.113,
300.590

100, 0.477,
109.980

■ 53, 86.783,
302.185

■ 46, 102.163,

303.800

■ 40, 116.080,
305.239

■ 35, 126.673,
306.230

■ 33, 132.545,
306.617

■ 33, 132.696,
306.629

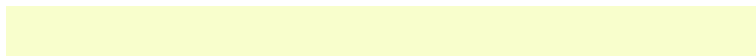
Harmonies

Complementary

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



84, 26.538, 296.679



98, 25.372, 113.325

Rectangle

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



84, 26.538, 296.679



84, 26.538, 346.679



84, 26.538, 116.679



84, 26.538, 166.679

Sweetspot

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



84, 26.536, 296.678



95, 7.901, 295.379



95, 14.848, 210.253



50, 5.247, 295.435



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



84, 26.536, 296.678



81, 32.744, 297.148



86, 28.415, 313.884



49, 7.535, 295.686



24, 107.061, 306.703



4, 44.401, 304.085

Inverse Universe

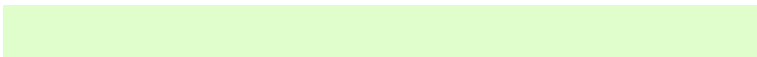
The Inverse Universe completely reimagines the original color for something new.



88, 28.909, 329.047



85, 35.374, 329.312



96, 27.854, 132.165



50, 8.340, 328.422



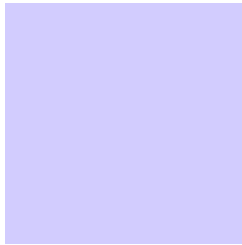
44, 84.711, 333.681



12, 39.413, 332.948

Previews

White Background



This preview shows how the CIELCh color 84, 26.538, 296.679 looks on a white background.

Color Contrast Check

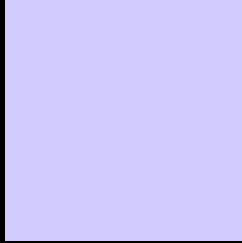
Large Text (above 18pt) WCAG AA × Fail

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 84, 26.538, 296.679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

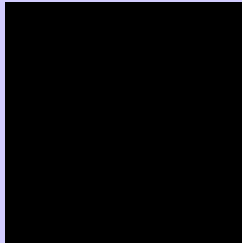
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 26.538, 296.679

Background



This preview shows how black text looks on a background with the CIELCh color 84, 26.538, 296.679.

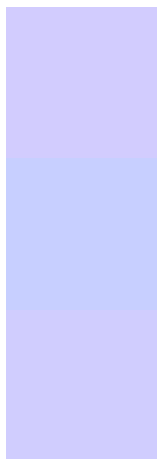


This preview shows how white text looks on a background with the CIELCh color 84, 26.538, 296.679.

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

84, 26.538, 296.679

Protanopia

84, 25.401, 286.452

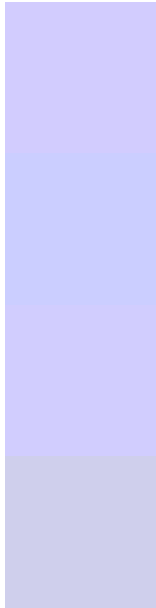
Deuteranopia

84, 25.922, 294.543



Tritanopia
84, 9.051, 282.092

Trichromacy



Original Color
84, 26.538, 296.679

Protanomaly
84, 25.869, 290.196

Deuteranomaly
84, 25.941, 295.270

Tritanomaly
84, 15.314, 291.487

Monochromacy



Original Color
84, 26.538, 296.679

Achromatopsia
85, 0.010, 296.813

Achromatomaly
84, 9.529, 295.207

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 26.538, 296.679 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(210, 204, 254)` looks like.

```
.text, #text, p{  
    color:rgb(210, 204, 254)  
}
```

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(210, 204, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 204, 254) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 26.538, 296.679 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(210, 204, 254) }
```

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

```
.border{ border-color:rgb(210, 204, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 204, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 204, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 204, 254);  
box-shadow:4px 4px 4px 4px rgb(210, 204,  
254) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 26.538, 296.679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 204, 254) }
```

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

```
.background{ background-color: rgb(210,  
204, 254) }
```

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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