

Converting Colors

CIELCh(85, 13.364, 315.025)

Have a look what the booklet for
CIELCh(85, 13.364, 315.025)
contains.

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Color

CIELCh(85, 13.284, 314.604)

Conversions

Conversions Part 1

Format	Color
Hex	DECFE6
RGB	222, 207, 230
RGB Percent	87%, 81%, 90%
CMY	0.1286, 0.1874, 0.0972
CMYK	0.03, 0.10, 0.00, 0.10
HSL	279°, 32%, 86%
HSV	279°, 10%, 90%
XYZ	66.8575, 66.0070, 84.2284
YIQ	214.1070, 1.5570, 10.3330

Conversions

Conversions Part 2

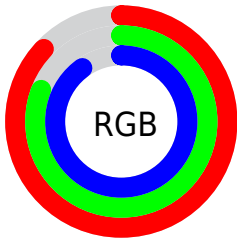
Format	Color
R _Y B	222, 207, 230
Decimal	14602214
CIE Lab	85.00, 9.33, -9.46
CIE LCh	85, 13.284, 314.604
Yxy	66.0070, 0.3080, 0.3040
Android (android.graphics.Color)	4292792294 (0xFFDECFE6)
YUV	214.1070, 7.8352, 6.9222
Hunter-Lab	81.2447, 4.7122, -4.5961

Details

The CIELCh color **85, 13.284, 314.604** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **90, 13.152, 133.788**, 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, 13.357, 314.194** is the 20% darker color. If you saturate the color by 10%, you get **79, 26.860, 315.048**, and if you desaturate by 10%, it is **91, 0.003, 210.107**.

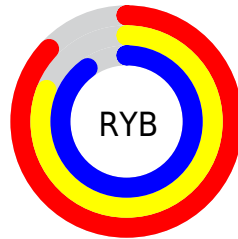
Distribution



Red (87%)

Green (81%)

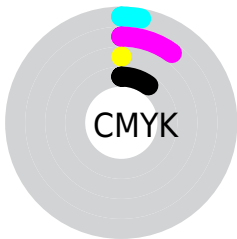
Blue (90%)



Red (87%)

Yellow (81%)

Blue (90%)

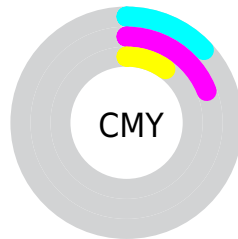


Cyan (3%)

Magenta (10%)

Yellow (0%)

Black (10%)



Cyan (13%)


Magenta (19%)


Yellow (10%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 13.284, 314.604 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, 13.284, 314.604 by changing the saturation by 10% instead.


 85, 13.284,
314.604


 85, 13.284,
314.604


 100, 13.284,
314.604


 75, 13.284,
314.604

 65, 13.284,
314.604

 55, 13.284,
314.604

 45, 13.284,
314.604

 35, 13.284,
314.604

 25, 13.284,
314.604

 15, 13.284,

314.604

■ 5, 13.284, 314.604

■ 0, 13.284, 314.604

■ 85, 13.284,
314.604

■ 85, 13.284,
314.604

■ 79, 26.860,
315.048

■ 91, 0.003, 210.107

■ 73, 40.633,
315.497

■ 98, 12.934,
133.827

■ 66, 54.421,
315.935

■ 99, 12.984,
123.302

■ 61, 67.937,
316.332

■ 99, 12.556,
110.496

■ 55, 80.738,

■ 99, 12.550,
109.229

316.643

■ 51, 92.209,
316.809

■ 47, 101.599,
316.756

■ 44, 108.191,
316.406

■ 42, 111.963,
315.753

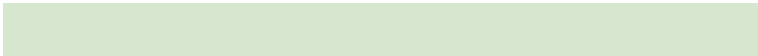
Harmonies

Complementary

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



85, 13.284, 314.604



90, 13.152, 133.788

Rectangle

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



85, 13.284, 314.604



85, 13.284, 4.604



85, 13.284, 134.604



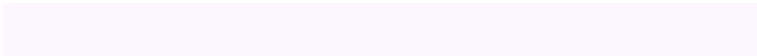
85, 13.284, 184.604

Sweetspot

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



85, 13.282, 314.603



98, 4.303, 314.277



86, 8.277, 271.130



52, 3.263, 314.320



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, 13.282, 314.603



92, 17.372, 314.694



86, 13.212, 329.417



45, 7.526, 314.579



32, 92.457, 315.923



5, 36.509, 316.445

Inverse Universe

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



85, 9.405, 353.619



92, 12.319, 353.840



89, 13.180, 148.233



45, 5.328, 353.562



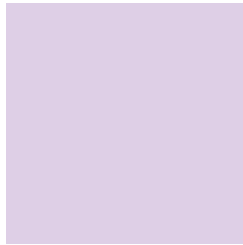
38, 65.745, 16.525



7, 26.736, 5.687

Previews

White Background



This preview shows how the CIELCh color 85, 13.284, 314.604 looks on a white background.

Color Contrast Check

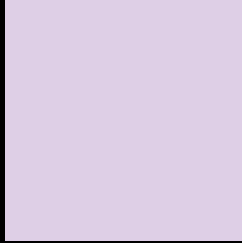
Large Text (above 18pt) WCAG AA × Fail

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, 13.284, 314.604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

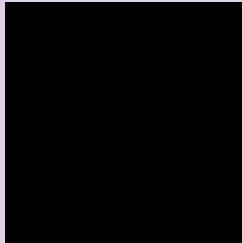
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

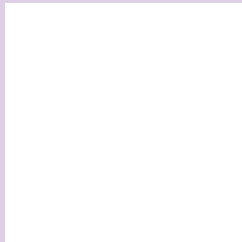
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 13.284, 314.604

Background



This preview shows how black text looks on a background with the CIELCh color 85, 13.284, 314.604.



This preview shows how white text looks on a background with the CIELCh color 85, 13.284, 314.604.

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





Tritanopia
85, 10.128, 318.049

Trichromacy



Original Color
85, 13.284, 314.604

Protanomaly
85, 11.170, 298.287

Deuteranomaly
85, 14.221, 317.727

Tritanomaly
85, 11.070, 315.563

Monochromacy



Original Color
85, 13.284, 314.604

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 4.597, 313.424

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 13.284, 314.604 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(222, 207, 230)` looks like.

```
.text, #text, p{  
    color:rgb(222, 207, 230)  
}
```

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(222, 207, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 207, 230) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 13.284, 314.604 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(222, 207, 230) }
```

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

```
.border{ border-color:rgb(222, 207, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 207, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 207, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 207, 230);  
box-shadow:4px 4px 4px 4px rgb(222, 207,  
230) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 13.284, 314.604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 207, 230) }
```

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

```
.background{ background-color: rgb(222,  
207, 230) }
```

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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