

Converting Colors

CIELCh(84, 16.936, 307.348)

Have a look what the booklet for
CIELCh(84, 16.936, 307.348)
contains.

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Color

CIELCh(84, 17.057, 306.864)

Conversions

Conversions Part 1

Format	Color
Hex	D9CCEB
RGB	217, 204, 235
RGB Percent	85%, 80%, 92%
CMY	0.1483, 0.1992, 0.0777
CMYK	0.08, 0.13, 0.00, 0.08
HSL	265°, 44%, 86%
HSV	265°, 13%, 92%
XYZ	65.3331, 64.0658, 87.6662
YIQ	211.4210, -2.2030, 12.3970

Conversions

Conversions Part 2

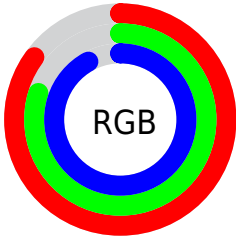
Format	Color
RYB	217, 204, 235
Decimal	14273771
CIELab	84.00, 10.23, -13.65
CIELCh	84, 17.057, 306.864
Yxy	64.0658, 0.3010, 0.2951
Android (android.graphics.Color)	4292463851 (0xFFD9CCEB)
YUV	211.4210, 11.6244, 4.8928
Hunter-Lab	80.0411, 5.6278, -8.9095

Details

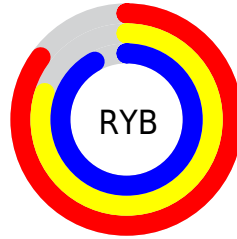
The CIELCh color $84, 17.057, 306.864$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $91, 16.694, 125.567$, and the grayscale version is $85, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $64, 16.847, 306.821$ is the 20% darker color. If you saturate the color by 10%, you get $77, 30.459, 307.436$, and if you desaturate by 10%, it is $91, 4.057, 306.328$.

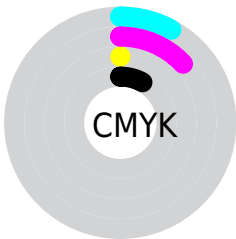
Distribution



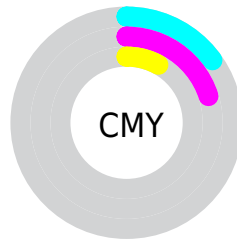
- Red (85%)
- Green (80%)
- Blue (92%)



- Red (85%)
- Yellow (80%)
- Blue (92%)



- Cyan (8%)
- Magenta (13%)
- Yellow (0%)
- Black (8%)



- Cyan (15%)
- Magenta (20%)
- Yellow (8%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 17.057, 306.864 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, 17.057, 306.864 by changing the saturation by 10% instead.

 84, 17.057,
306.864

 84, 17.057,
306.864


 100, 17.057,
306.864

 74, 17.057,
306.864

 64, 17.057,
306.864

 54, 17.057,
306.864

 44, 17.057,
306.864

 34, 17.057,
306.864

 24, 17.057,
306.864

 14, 17.057,

306.864

■ 4, 17.057, 306.864

■ 0, 17.057, 306.864

■ 84, 17.057,
306.864

■ 84, 17.057,
306.864

■ 77, 30.459,
307.436

■ 91, 4.057, 306.328

■ 70, 44.220,
308.059

■ 98, 8.520, 125.909

■ 64, 58.227,
308.715

■ 100, 10.025,
109.418

■ 57, 72.255,
309.374

■ 51, 85.896,

309.979

■ 45, 98.471,
310.441

■ 41, 108.995,
310.633

■ 37, 116.370,
310.415

■ 35, 119.622,
310.055

Harmonies

Complementary

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



84, 17.057, 306.864



91, 16.694, 125.567

Rectangle

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



84, 17.057, 306.864



84, 17.057, 356.864



84, 17.057, 126.864



84, 17.057, 176.864

Sweetspot

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



84, 17.055, 306.862



97, 5.452, 306.374



88, 9.051, 247.542



51, 3.878, 306.415



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, 17.055, 306.862



88, 22.205, 307.023



85, 19.213, 322.823



45, 7.293, 306.662



26, 98.138, 310.236



4, 37.258, 308.928

Inverse Universe

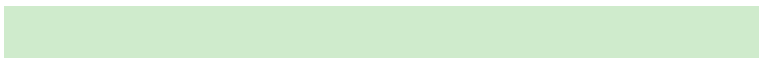
The Inverse Universe completely reimagines the original color for something new.



85, 14.696, 340.557



90, 19.094, 340.805



90, 19.151, 141.474



46, 6.299, 340.241



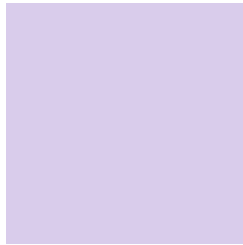
39, 67.048, 354.528



8, 29.545, 349.342

Previews

White Background



This preview shows how the CIELCh color 84, 17.057, 306.864 looks on a white background.

Color Contrast Check

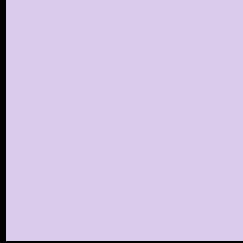
Large Text (above 18pt) WCAG AA × Fail

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, 17.057, 306.864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

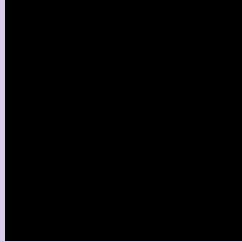
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

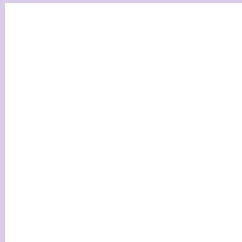
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 17.057, 306.864

Background



This preview shows how black text looks on a background with the CIELCh color 84, 17.057, 306.864.



This preview shows how white text looks on a background with the CIELCh color 84, 17.057, 306.864.

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, 17.057, 306.864

Protanopia

84, 15.842, 287.839

Deuteranopia

84, 17.154, 307.992



Tritanopia
84, 9.572, 310.405

Trichromacy



Original Color
84, 17.057, 306.864

Protanomaly
84, 15.866, 293.999

Deuteranomaly
84, 17.154, 307.992

Tritanomaly
84, 12.304, 309.494

Monochromacy



Original Color
84, 17.057, 306.864

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 6.094, 307.677

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 17.057, 306.864 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, 204, 235)` looks like.

```
.text, #text, p{  
    color:rgb(217, 204, 235)  
}
```

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, 204, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 204, 235) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 17.057, 306.864 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, 204, 235) }
```

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

```
.border{ border-color:rgb(217, 204, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 204, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 204, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 204, 235);  
box-shadow:4px 4px 4px 4px rgb(217, 204,  
235) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 17.057, 306.864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 204, 235) }
```

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

```
.background{ background-color: rgb(217,  
204, 235) }
```

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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