

Converting Colors

CIELCh(84, 14.687, 318.845)

Have a look what the booklet for
CIELCh(84, 14.687, 318.845)
contains.

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Color

CIELCh(84, 15.049, 319.282)

Conversions

Conversions Part 1

Format	Color
Hex	DFCBE4
RGB	223, 203, 228
RGB Percent	87%, 80%, 89%
CMY	0.1251, 0.2035, 0.1055
CMYK	0.02, 0.11, 0.00, 0.11
HSL	288°, 32%, 85%
HSV	288°, 11%, 89%
XYZ	65.8557, 64.0658, 82.3636
YIQ	211.8300, 3.8950, 12.0150

Conversions

Conversions Part 2

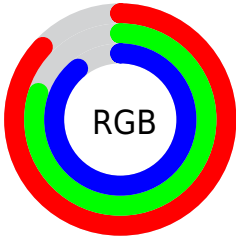
Format	Color
R_{YB}	223, 203, 228
Decimal	14666724
CIE _{Lab}	84.00, 11.41, -9.82
CIE _{LCh}	84, 15.049, 319.282
Yxy	64.0658, 0.3102, 0.3018
Android (android.graphics.Color)	4292856804 (0xFFDFCBE4)
YUV	211.8300, 7.9718, 9.7961
Hunter-Lab	80.0411, 6.7931, -4.9816

Details

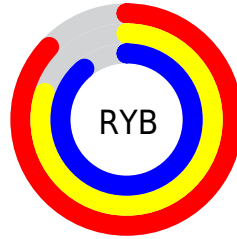
The CIELCh color `84, 15.049, 319.282` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `89, 14.956, 138.312`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `64, 15.210, 319.151` is the 20% darker color. If you saturate the color by 10%, you get `78, 28.986, 319.739`, and if you desaturate by 10%, it is `90, 1.313, 318.679`.

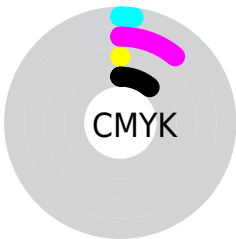
Distribution



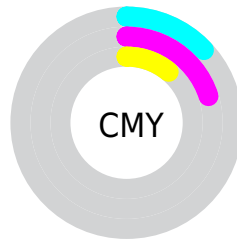
- Red (87%)
- Green (80%)
- Blue (89%)



- Red (87%)
- Yellow (80%)
- Blue (89%)



- Cyan (2%)
- Magenta (11%)
- Yellow (0%)
- Black (11%)




- Cyan (13%)
- Magenta (20%)
- Yellow (11%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 15.049, 319.282 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, 15.049, 319.282 by changing the saturation by 10% instead.


 84, 15.049,
319.282

 84, 15.049,
319.282


 100, 15.049,
319.282


 74, 15.049,
319.282


 64, 15.049,
319.282

 54, 15.049,
319.282

 44, 15.049,
319.282

 34, 15.049,
319.282

 24, 15.049,
319.282

 14, 15.049,

319.282

■ 4, 15.049, 319.282

■ 0, 15.049, 319.282

■ 84, 15.049,
319.282

■ 84, 15.049,
319.282

■ 78, 28.986,
319.739

■ 90, 1.313, 318.679

■ 72, 42.971,
320.185

■ 96, 12.118,
138.448

■ 67, 56.748,
320.602

■ 98, 15.197,
134.562

■ 62, 69.945,
320.963

■ 98, 14.543,
128.870

■ 57, 82.058,

■ 99, 14.048,
122.652

321.231

99, 13.732,
116.007

53, 92.464,
321.363

99, 13.614,
109.149

50, 100.521,
321.312

48, 105.758,
321.037

46, 108.293,
320.609

Harmonies

Complementary

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



84, 15.049, 319.282



89, 14.956, 138.312

Rectangle

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



84, 15.049, 319.282



84, 15.049, 9.282



84, 15.049, 139.282



84, 15.049, 189.282

Sweetspot

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



84, 15.047, 319.281



98, 4.480, 318.888



84, 10.468, 280.749



52, 3.398, 318.935



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, 15.047, 319.281



91, 19.571, 319.379



84, 13.095, 334.335



45, 7.826, 319.212



36, 90.107, 320.721



6, 37.101, 321.565

Inverse Universe

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



84, 9.596, 4.234



91, 12.529, 4.467



88, 13.029, 152.878



45, 4.978, 4.071



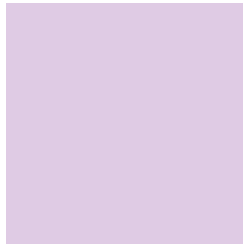
37, 71.016, 29.302



7, 26.667, 13.413

Previews

White Background



This preview shows how the CIELCh color 84, 15.049, 319.282 looks on a white background.

Color Contrast Check

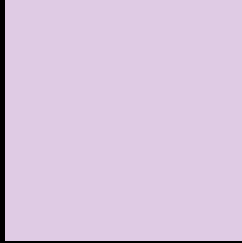
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 84, 15.049, 319.282 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, 15.049, 319.282

Background



This preview shows how black text looks on a background with the CIELCh color 84, 15.049, 319.282.



This preview shows how white text looks on a background with the CIELCh color 84, 15.049, 319.282.

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

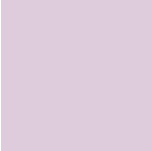
84, 15.049, 319.282

Protanopia

84, 12.138, 289.587

Deuteranopia

84, 14.090, 316.426



Tritanopia
84, 10.686, 328.054

Trichromacy



Original Color
84, 15.049, 319.282

Protanomaly
84, 12.949, 302.121

Deuteranomaly
84, 14.245, 317.731

Tritanomaly
84, 11.969, 323.443

Monochromacy



Original Color
84, 15.049, 319.282

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 5.398, 318.281

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 15.049, 319.282 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(223, 203, 228)` looks like.

```
.text, #text, p{  
    color:rgb(223, 203, 228)  
}
```

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(223, 203, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 203, 228) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 15.049, 319.282 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(223, 203, 228) }
```

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

```
.border{ border-color:rgb(223, 203, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 203, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 203, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 203, 228); box-shadow:4px 4px 4px 4px rgb(223, 203, 228) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 15.049, 319.282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 203, 228) }
```

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

```
.background{ background-color: rgb(223,  
203, 228) }
```

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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