

Converting Colors

CIELCh(84, 6.277, 310.834)

Have a look what the booklet for
CIELCh(84, 6.277, 310.834) contains.

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Color

CIELCh(84, 6.222, 310.831)

Conversions

Conversions Part 1

Format	Color
Hex	D5CFDA
RGB	213, 207, 218
RGB Percent	84%, 81%, 85%
CMY	0.1634, 0.1869, 0.1438
CMYK	0.02, 0.05, 0.00, 0.14
HSL	273°, 13%, 83%
HSV	273°, 5%, 86%
XYZ	62.6330, 64.0658, 75.6284
YIQ	210.0480, 0.0450, 4.6930

Conversions

Conversions Part 2

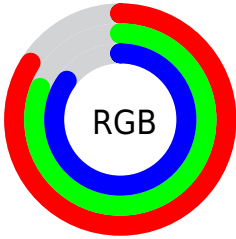
Format	Color
R _Y B	213, 207, 218
Decimal	14012378
CIE Lab	84.00, 4.07, -4.71
CIE LCh	84, 6.222, 310.831
Yxy	64.0658, 0.3096, 0.3166
Android (android.graphics.Color)	4292202458 (0xFFD5CFDA)
YUV	210.0480, 3.9203, 2.5889
Hunter-Lab	80.0411, -0.3937, 0.0075

Details

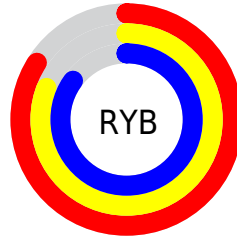
The CIELCh color `84, 6.222, 310.831` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `86, 6.165, 130.446`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `64, 5.919, 309.316` is the 20% darker color. If you saturate the color by 10%, you get `78, 18.806, 311.292`, and if you desaturate by 10%, it is `90, 6.016, 130.460`.

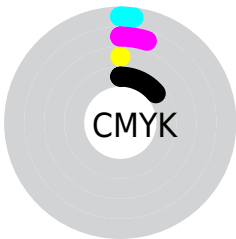
Distribution



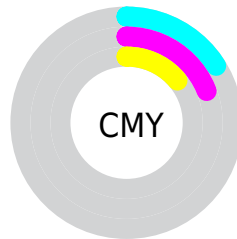
- Red (84%)
- Green (81%)
- Blue (85%)



- Red (84%)
- Yellow (81%)
- Blue (85%)



- Cyan (2%)
- Magenta (5%)
- Yellow (0%)
- Black (14%)



- Cyan (16%)
- Magenta (19%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 6.222, 310.831 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, 6.222, 310.831 by changing the saturation by 10% instead.

■ 84, 6.222, 310.831

■ 84, 6.222, 310.831

■ 100, 6.222,
310.831

■ 74, 6.222, 310.831

■ 64, 6.222, 310.831

■ 54, 6.222, 310.831

■ 44, 6.222, 310.831

■ 34, 6.222, 310.831

■ 24, 6.222, 310.831

■ 14, 6.222, 310.831

■ 4, 6.222, 310.831

■ 0, 6.222, 310.831

84, 6.222, 310.831

84, 6.222, 310.831

78, 18.806,
311.292

90, 6.016, 130.460

71, 31.699,
311.777

97, 17.885,
130.073

65, 44.806,
312.278

98, 19.092,
121.901

59, 57.957,
312.775

99, 18.555,
110.989

54, 70.860,
313.229

99, 18.535,
108.775

48, 83.051,
313.585

44, 93.855,
313.763

40, 102.440,
313.661

■ 37,108.055,
313.182

Harmonies

Complementary

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



84, 6.222, 310.831



86, 6.165, 130.446

Rectangle

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



84, 6.222, 310.831



84, 6.222, 0.831



84, 6.222, 130.831



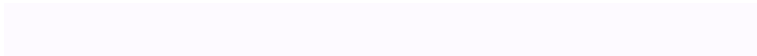
84, 6.222, 180.831

Sweetspot

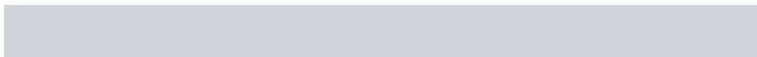
The Sweet Spot groups the original color and five complimentary colors.



84, 6.220, 310.826



99, 2.795, 310.663



85, 3.562, 259.687



53, 1.589, 310.656



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, 6.220, 310.826



96, 8.411, 310.874



84, 6.899, 325.581



44, 4.933, 310.900



28, 92.503, 313.030



4, 31.593, 311.227

Inverse Universe

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



84, 4.811, 346.503



96, 6.507, 346.608



86, 6.881, 145.094



44, 3.816, 346.664



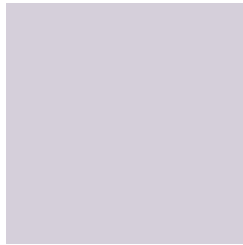
37, 63.228, 6.111



6, 24.663, 357.652

Previews

White Background



This preview shows how the CIELCh color 84, 6.222, 310.831 looks on a white background.

Color Contrast Check

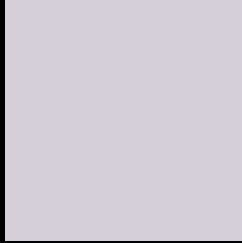
Large Text (above 18pt) WCAG AA × Fail

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, 6.222, 310.831 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

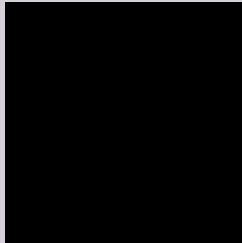
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

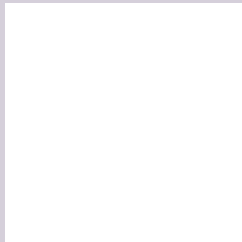
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 6.222, 310.831

Background



This preview shows how black text looks on a background with the CIELCh color 84, 6.222, 310.831.

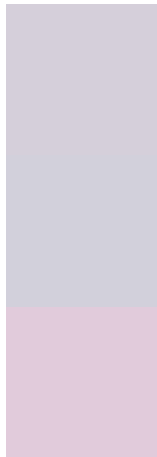


This preview shows how white text looks on a background with the CIELCh color 84, 6.222, 310.831.

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

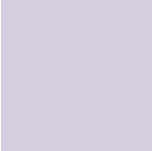
84, 6.222, 310.831

Protanopia

84, 5.864, 297.650

Deuteranopia

84, 11.631, 333.828



Tritanopia
84, 8.838, 307.185

Trichromacy



Original Color
84, 6.222, 310.831

Protanomaly
84, 5.922, 301.070

Deuteranomaly
84, 9.409, 328.435

Tritanomaly
84, 7.834, 309.332

Monochromacy



Original Color
84, 6.222, 310.831

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 2.245, 309.095

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 6.222, 310.831 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(213, 207, 218)` looks like.

```
.text, #text, p{  
    color:rgb(213, 207, 218)  
}
```

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(213, 207, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 207, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 6.222, 310.831 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(213, 207, 218) }
```

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

```
.border{ border-color:rgb(213, 207, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 207, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 207, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 207, 218);  
box-shadow:4px 4px 4px 4px rgb(213, 207,  
218) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 6.222, 310.831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 207, 218) }
```

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

```
.background{ background-color: rgb(213,  
207, 218) }
```

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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