

Converting Colors

CIELCh(83, 12.952, 310.265)

Have a look what the booklet for
CIELCh(83, 12.952, 310.265)
contains.

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Color

CIELCh(83, 12.952, 310.265)

Conversions

Conversions Part 1

Format	Color
Hex	D6CAE1
RGB	214, 202, 225
RGB Percent	84%, 79%, 88%
CMY	0.1597, 0.2067, 0.1165
CMYK	0.05, 0.10, 0.00, 0.12
HSL	271°, 28%, 84%
HSV	271°, 10%, 88%
XYZ	62.6299, 62.1629, 80.1360
YIQ	208.2100, -0.2310, 9.6970

Conversions

Conversions Part 2

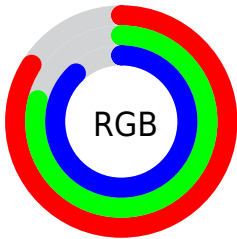
Format	Color
RYB	214, 202, 225
Decimal	14076641
CIELab	83.00, 8.37, -9.88
CIELCh	83, 12.952, 310.265
Yxy	62.1629, 0.3056, 0.3033
Android (android.graphics.Color)	4292266721 (0xFFD6CAE1)
YUV	208.2100, 8.2775, 5.0778
Hunter-Lab	78.8435, 3.8167, -5.0715

Details

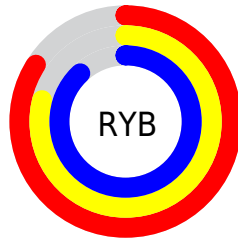
The CIELCh color `83, 12.952, 310.265` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `88, 12.771, 129.386`, and the grayscale version is `84, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `63, 13.042, 309.639` is the 20% darker color. If you saturate the color by 10%, you get `77, 25.979, 310.749`, and if you desaturate by 10%, it is `89, 0.273, 309.330`.

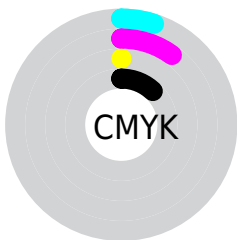
Distribution



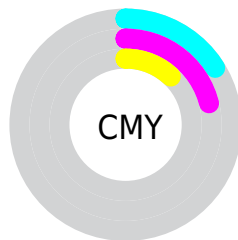
- Red (84%)
- Green (79%)
- Blue (88%)



- Red (84%)
- Yellow (79%)
- Blue (88%)



- Cyan (5%)
- Magenta (10%)
- Yellow (0%)
- Black (12%)





- Cyan (16%)
- Magenta (21%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 12.952, 310.265 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 83, 12.952, 310.265 by changing the saturation by 10% instead.


 83, 12.952,
310.265


 83, 12.952,
310.265


 100, 12.952,
310.265


 73, 12.952,
310.265

 63, 12.952,
310.265

 53, 12.952,
310.265

 43, 12.952,
310.265

 33, 12.952,
310.265

 23, 12.952,
310.265

 13, 12.952,

310.265

■ 3, 12.952, 310.265

■ 0, 12.952, 310.265

■ 83, 12.952,
310.265

■ 83, 12.952,
310.265

■ 77, 25.979,
310.749

■ 89, 0.273, 309.330

■ 70, 39.300,
311.261

■ 96, 12.027,
129.444

■ 64, 52.789,
311.786

■ 99, 15.377,
120.446

■ 58, 66.223,
312.294

■ 99, 15.033,
109.041

■ 52, 79.226,

312.738

■ 47, 91.210,
313.048

■ 42, 101.368,
313.127

■ 39, 108.804,
312.862

■ 37, 113.251,
312.257

Harmonies

Complementary

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



83, 12.952, 310.265



88, 12.771, 129.386

Rectangle

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



83, 12.952, 310.265



83, 12.952, 0.265



83, 12.952, 130.265



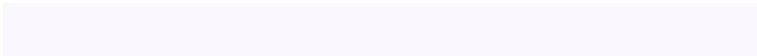
83, 12.952, 180.265

Sweetspot

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



83, 12.950, 310.263



98, 4.171, 309.916



85, 7.285, 258.611



52, 3.164, 309.958



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



83, 12.950, 310.263



91, 16.872, 310.352



84, 14.550, 325.432



44, 7.171, 310.227



28, 93.993, 312.442



4, 33.632, 311.130

Inverse Universe

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



84, 10.227, 345.669



92, 13.321, 345.847



87, 14.529, 144.297



44, 5.664, 345.596



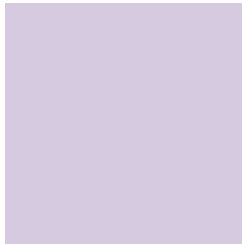
38, 63.997, 3.896



6, 26.226, 356.329

Previews

White Background



This preview shows how the CIELCh color 83, 12.952, 310.265 looks on a white background.

Color Contrast Check

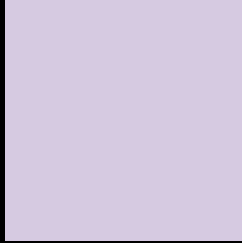
Large Text (above 18pt) WCAG AA × Fail

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 83, 12.952, 310.265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

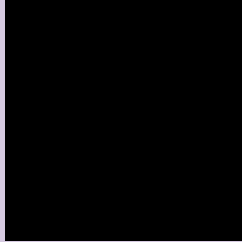
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

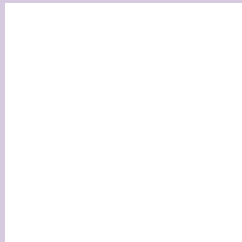
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 12.952, 310.265

Background



This preview shows how black text looks on a background with the CIELCh color 83, 12.952, 310.265.



This preview shows how white text looks on a background with the CIELCh color 83, 12.952, 310.265.

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

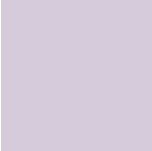
83, 12.952, 310.265

Protanopia

83, 11.642, 289.480

Deuteranopia

83, 14.604, 315.547



Tritanopia
83, 9.236, 313.596

Trichromacy



Original Color
83, 12.952, 310.265

Protanomaly
83, 11.755, 298.014

Deuteranomaly
83, 14.461, 314.255

Tritanomaly
83, 10.217, 311.319

Monochromacy



Original Color
83, 12.952, 310.265

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 4.490, 309.204

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 12.952, 310.265 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(214, 202, 225)` looks like.

```
.text, #text, p{  
    color:rgb(214, 202, 225)  
}
```

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(214, 202, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 202, 225) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 12.952, 310.265 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(214, 202, 225) }
```

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

```
.border{ border-color:rgb(214, 202, 225) }
```

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

Here you see how a box with a 4 pixel rgb(214, 202, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 202, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 202, 225);  
box-shadow:4px 4px 4px 4px rgb(214, 202,  
225) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 12.952, 310.265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 202, 225) }
```

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

```
.background{ background-color: rgb(214,  
202, 225) }
```

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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