

Converting Colors

CIELCh(83, 16.060, 325.625)

Have a look what the booklet for
CIELCh(83, 16.060, 325.625)
contains.

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Color

CIElCh(83, 16.018, 325.037)

Conversions

Conversions Part 1

Format	Color
Hex	E0C7E0
RGB	224, 199, 224
RGB Percent	88%, 78%, 88%
CMY	0.1211, 0.2191, 0.1211
CMYK	0.00, 0.11, 0.00, 0.12
HSL	300°, 29%, 83%
HSV	300°, 11%, 88%
XYZ	64.7062, 62.1629, 79.2022
YIQ	209.3250, 6.8750, 13.0750

Conversions

Conversions Part 2

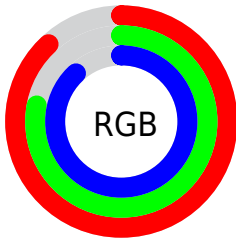
Format	Color
R_{YB}	224, 199, 224
Decimal	14731232
CIE _{Lab}	83.00, 13.13, -9.18
CIE _{LCh}	83, 16.018, 325.037
Yxy	62.1629, 0.3140, 0.3017
Android (android.graphics.Color)	4292921312 (0xFFE0C7E0)
YUV	209.3250, 7.2348, 12.8700
Hunter-Lab	78.8435, 8.5174, -4.3693

Details

The CIELCh color `83, 16.018, 325.037` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `87, 15.995, 143.791`, 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, 16.228, 325.193` is the 20% darker color. If you saturate the color by 10%, you get `78, 30.469, 325.593`, and if you desaturate by 10%, it is `89, 1.653, 324.336`.

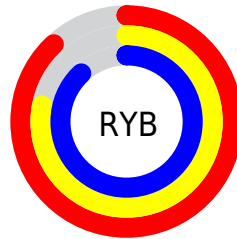
Distribution



Red (88%)

Green (78%)

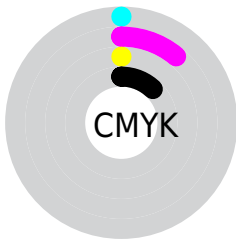
Blue (88%)



Red (88%)

Yellow (78%)

Blue (88%)

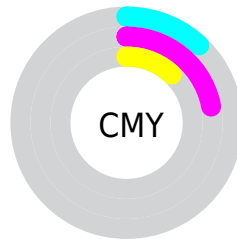


Cyan (0%)

Magenta (11%)

Yellow (0%)

Black (12%)



Cyan (12%)


Magenta (22%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 16.018, 325.037 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, 16.018, 325.037 by changing the saturation by 10% instead.


 83, 16.018,
325.037


 83, 16.018,
325.037


 100, 16.018,
325.037


 73, 16.018,
325.037

 63, 16.018,
325.037

 53, 16.018,
325.037

 43, 16.018,
325.037

 33, 16.018,
325.037

 23, 16.018,
325.037

 13, 16.018,

325.037

■ 3, 16.018, 325.037

■ 0, 16.018, 325.037

■ 83, 16.018,
325.037

■ 83, 16.018,
325.037

■ 78, 30.469,
325.593

■ 89, 1.653, 324.336

■ 73, 44.770,
326.130

■ 94, 12.459,
143.989

■ 68, 58.572,
326.637

■ 97, 19.286,
143.721

■ 64, 71.423,
327.097

■ 97, 19.286,
143.721

■ 60, 82.784,

■ 97, 19.286,
143.722

327.494

97, 19.286,
143.722

57, 92.099,
327.811

97, 19.286,
143.722

55, 98.916,
328.039

97, 19.286,
143.722

54, 103.043,
328.175

97, 19.285,
143.723

53, 104.830,
328.233

Harmonies

Complementary

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



83, 16.018, 325.037



87, 15.995, 143.791

Rectangle

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



83, 16.018, 325.037



83, 16.018, 15.037



83, 16.018, 145.037



83, 16.018, 195.037

Sweetspot

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



83, 16.016, 325.037



98, 4.763, 324.543



81, 13.299, 291.352



52, 3.611, 324.601



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, 16.016, 325.037



92, 20.746, 325.146



83, 11.298, 344.555



44, 8.154, 324.940



42, 87.489, 328.233



8, 35.925, 328.229

Inverse Universe

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



83, 16.016, 325.037



92, 20.746, 325.146



87, 11.135, 162.747



44, 8.154, 324.940



42, 87.489, 328.233



8, 35.925, 328.229

Previews

White Background



This preview shows how the CIELCh color 83, 16.018, 325.037 looks on a white background.

Color Contrast Check

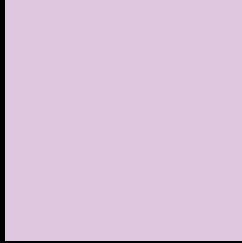
Large Text (above 18pt) WCAG AA × Fail

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 83, 16.018, 325.037 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, 16.018, 325.037

Background



This preview shows how black text looks on a background with the CIELCh color 83, 16.018, 325.037.

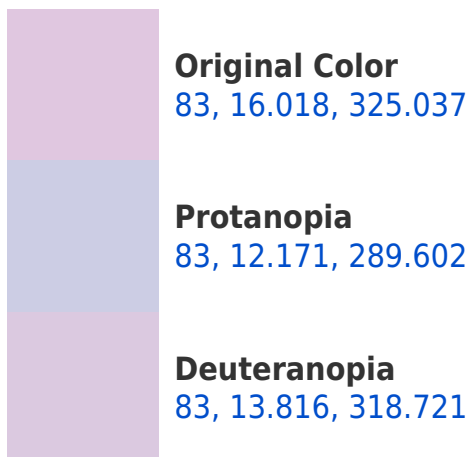


This preview shows how white text looks on a background with the CIELCh color 83, 16.018, 325.037.

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
83, 11.913, 335.142

Trichromacy



Original Color
83, 16.018, 325.037

Protanomaly
83, 13.058, 303.643

Deuteranomaly
83, 14.805, 321.496

Tritanomaly
83, 13.072, 330.238

Monochromacy



Original Color
83, 16.018, 325.037

Achromatopsia
84, 0.010, 296.813

Achromatomaly
83, 6.433, 324.654

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 16.018, 325.037 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(224, 199, 224)` looks like.

```
.text, #text, p{  
    color:rgb(224, 199, 224)  
}
```

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(224, 199, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 199, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 16.018, 325.037 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(224, 199, 224) }
```

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

```
.border{ border-color:rgb(224, 199, 224) }
```

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

Here you see how a box with a 4 pixel rgb(224, 199, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 199, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 199, 224);  
box-shadow:4px 4px 4px 4px rgb(224, 199,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 16.018, 325.037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 199, 224) }
```

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

```
.background{ background-color: rgb(224,  
199, 224) }
```

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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