

Converting Colors

CIELCh(83, 16.515, 343.989)

Have a look what the booklet for
CIELCh(83, 16.515, 343.989)
contains.

CIELCh(83, 16.529, 343.459)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(83, 16.529, 343.459)

Conversions

Conversions Part 1

Format	Color
Hex	E9C5D8
RGB	233, 197, 216
RGB Percent	91%, 77%, 85%
CMY	0.0866, 0.2277, 0.1532
CMYK	0.00, 0.15, 0.07, 0.09
HSL	328°, 45%, 84%
HSV	328°, 15%, 91%
XYZ	65.9131, 62.1629, 73.4388
YIQ	209.9300, 15.3570, 13.5410

Conversions

Conversions Part 2

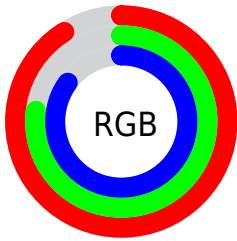
Format	Color
RYB	233, 197, 216
Decimal	15320536
CIELab	83.00, 15.84, -4.71
CIELCh	83, 16.529, 343.459
Yxy	62.1629, 0.3271, 0.3085
Android (android.graphics.Color)	4293510616 (0xFFE9C5D8)
YUV	209.9300, 2.9925, 20.2324
Hunter-Lab	78.8435, 11.2498, -0.0352

Details

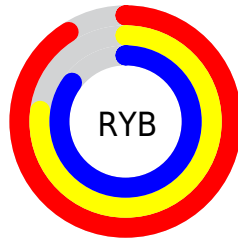
The CIELCh color $83, 16.529, 343.459$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $89, 16.244, 160.904$, and the grayscale version is $84, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.630, 323.973$, and $63, 16.502, 343.692$ is the 20% darker color. If you saturate the color by 10%, you get $77, 27.424, 344.429$, and if you desaturate by 10%, it is $89, 5.769, 342.549$.

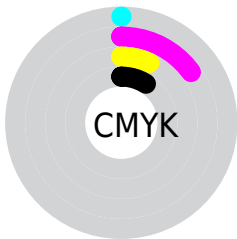
Distribution



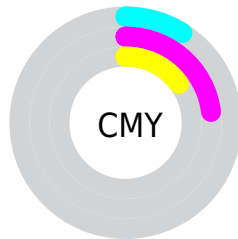
- Red (91%)
- Green (77%)
- Blue (85%)



- Red (91%)
- Yellow (77%)
- Blue (85%)



- Cyan (0%)
- Magenta (15%)
- Yellow (7%)
- Black (9%)





- Cyan (9%)
- Magenta (23%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 16.529, 343.459 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, 16.529, 343.459 by changing the saturation by 10% instead.


 83, 16.529,
343.459


 83, 16.529,
343.459


 100, 16.529,
343.459


 73, 16.529,
343.459

 63, 16.529,
343.459

 53, 16.529,
343.459

 43, 16.529,
343.459

 33, 16.529,
343.459

 23, 16.529,
343.459

 13, 16.529,

343.459

■ 3, 16.529, 343.459

■ 0, 16.529, 343.459

■ 83, 16.529,
343.459

■ 83, 16.529,
343.459

■ 77, 27.424,
344.429

■ 89, 5.769, 342.549

■ 72, 38.263,
345.512

■ 95, 4.728, 161.935

■ 98, 8.278, 176.974

■ 66, 48.734,
346.750

■ 98, 7.547, 199.016

■ 62, 58.407,
348.203

■ 58, 66.747,

349.954

■ 55, 73.193,
352.118

■ 52, 77.326,
354.845

■ 51, 79.099,
358.288

■ 50, 79.452, 0.043

Harmonies

Complementary

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



83, 16.529, 343.459



89, 16.244, 160.904

Rectangle

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



83, 16.529, 343.459



83, 16.529, 33.459



83, 16.529, 163.459



83, 16.529, 213.459

Sweetspot

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



83, 16.526, 343.462



97, 5.690, 342.507



82, 20.072, 308.632



51, 3.885, 342.576



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, 16.526, 343.462



88, 21.939, 343.803



83, 13.565, 17.778



46, 6.073, 342.918



39, 65.912, 359.327



8, 28.891, 353.133

Inverse Universe

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



83, 16.526, 343.462



88, 21.939, 343.803



90, 12.348, 195.711



46, 6.073, 342.918



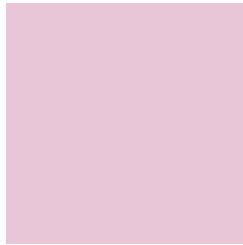
39, 65.912, 359.327



8, 28.891, 353.133

Previews

White Background



This preview shows how the CIELCh color 83, 16.529, 343.459 looks on a white background.

Color Contrast Check

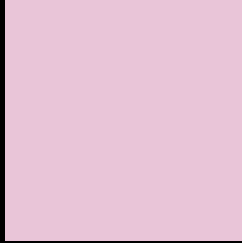
Large Text (above 18pt) WCAG AA × Fail

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, 16.529, 343.459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

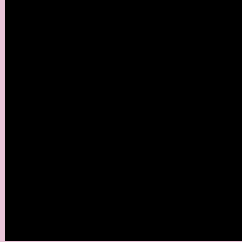
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 16.529, 343.459

Background



This preview shows how black text looks on a background with the CIELCh color 83, 16.529, 343.459.



This preview shows how white text looks on a background with the CIELCh color 83, 16.529, 343.459.

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, 15.670, 348.138

Trichromacy



Original Color
83, 16.529, 343.459

Protanomaly
83, 9.708, 319.486

Deuteranomaly
83, 12.649, 341.696

Tritanomaly
83, 15.943, 346.521

Monochromacy



Original Color
83, 16.529, 343.459

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 6.027, 342.040

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 16.529, 343.459 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(233, 197, 216)` looks like.

```
.text, #text, p{  
    color:rgb(233, 197, 216)  
}
```

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(233, 197, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 197, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 16.529, 343.459 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(233, 197, 216) }
```

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

```
.border{ border-color:rgb(233, 197, 216) }
```

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

Here you see how a box with a 4 pixel rgb(233, 197, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 197, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 197, 216);  
box-shadow:4px 4px 4px 4px rgb(233, 197,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 16.529, 343.459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 197, 216) }
```

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

```
.background{ background-color: rgb(233,  
197, 216) }
```

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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