

Converting Colors

CIE LCh(82, 15.202, 340.494)

Have a look what the booklet for
CIELCh(82, 15.202, 340.494)
contains.

CIELCh(82, 15.422, 339.996)	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(82, 15.422, 339.996)

Conversions

Conversions Part 1

Format	Color
Hex	E3C3D6
RGB	227, 195, 214
RGB Percent	89%, 76%, 84%
CMY	0.1093, 0.2348, 0.1603
CMYK	0.00, 0.14, 0.06, 0.11
HSL	324°, 36%, 83%
HSV	324°, 14%, 89%
XYZ	63.4148, 60.2982, 71.9983
YIQ	206.7340, 12.9730, 12.6930

Conversions

Conversions Part 2

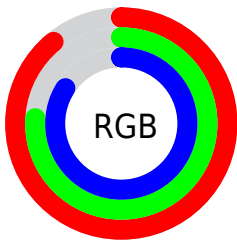
Format	Color
R _Y B	227, 195, 214
Decimal	14926806
CIE Lab	82.00, 14.49, -5.28
CIE LCh	82, 15.422, 339.996
Yxy	60.2982, 0.3240, 0.3081
Android (android.graphics.Color)	4293116886 (0xFFE3C3D6)
YUV	206.7340, 3.5821, 17.7733
Hunter-Lab	77.6519, 9.8820, -0.6170

Details

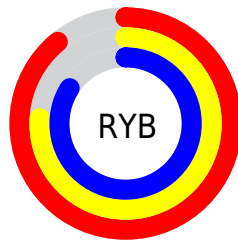
The CIELCh color $82, 15.422, 339.996$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $88, 15.244, 157.833$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 1.871, 324.342$, and $62, 15.346, 339.959$ is the 20% darker color. If you saturate the color by 10%, you get $76, 26.530, 340.872$, and if you desaturate by 10%, it is $88, 4.434, 339.142$.

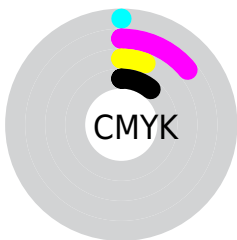
Distribution



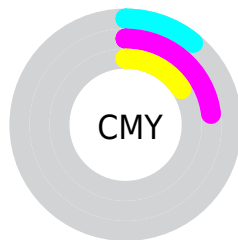
- Red (89%)
- Green (76%)
- Blue (84%)



- Red (89%)
- Yellow (76%)
- Blue (84%)



- Cyan (0%)
- Magenta (14%)
- Yellow (6%)
- Black (11%)





- Cyan (11%)
- Magenta (23%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 15.422, 339.996 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 82, 15.422, 339.996 by changing the saturation by 10% instead.


 82, 15.422,
339.996


 82, 15.422,
339.996


 100, 15.422,
339.996


 72, 15.422,
339.996


 62, 15.422,
339.996

 52, 15.422,
339.996

 42, 15.422,
339.996

 32, 15.422,
339.996

 22, 15.422,
339.996

 12, 15.422,

339.996

■ 2, 15.422, 339.996

■ 0, 15.422, 339.996

■ 82, 15.422,
339.996

■ 82, 15.422,
339.996

■ 76, 26.530,
340.872

■ 88, 4.434, 339.142

■ 71, 37.567,
341.828

■ 94, 6.307, 158.571

■ 66, 48.231,
342.897

■ 98, 11.883,
164.214

■ 61, 58.102,
344.119

■ 98, 9.788, 186.909

■ 57, 66.651,

■ 98, 9.472, 198.877

345.552

■ 54, 73.310,
347.281

■ 52, 77.617,
349.419

■ 50, 79.425,
352.096

■ 50, 79.669,
353.915

Harmonies

Complementary

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



82, 15.422, 339.996



88, 15.244, 157.833

Rectangle

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



82, 15.422, 339.996



82, 15.422, 29.996



82, 15.422, 159.996



82, 15.422, 209.996

Sweetspot

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



82, 15.419, 339.998



97, 4.764, 339.136



81, 17.689, 306.231



52, 3.388, 339.209



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 15.419, 339.998



89, 20.485, 340.255



82, 12.112, 12.338



45, 6.242, 339.611



39, 66.715, 353.355



7, 28.761, 348.209

Inverse Universe

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



82, 15.419, 339.998



89, 20.485, 340.255



88, 11.254, 190.110



45, 6.242, 339.611



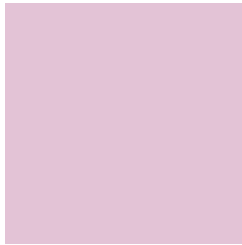
39, 66.715, 353.355



7, 28.761, 348.209

Previews

White Background



This preview shows how the CIELCh color 82, 15.422, 339.996 looks on a white background.

Color Contrast Check

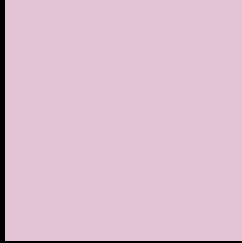
Large Text (above 18pt) WCAG AA × Fail

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 82, 15.422, 339.996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

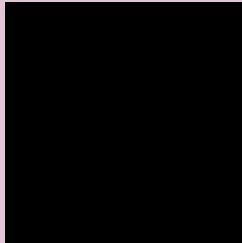
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 15.422, 339.996

Background



This preview shows how black text looks on a background with the CIELCh color 82, 15.422, 339.996.



This preview shows how white text looks on a background with the CIELCh color 82, 15.422, 339.996.

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
82, 15.422, 339.996

Protanopia
82, 8.486, 290.926

Deuteranopia
82, 11.682, 333.843



Tritanopia
82, 13.871, 345.685

Trichromacy



Original Color
82, 15.422, 339.996

Protanomaly
82, 10.039, 316.227

Deuteranomaly
82, 13.087, 337.027

Tritanomaly
82, 14.167, 343.913

Monochromacy



Original Color
82, 15.422, 339.996

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 5.480, 337.279

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 15.422, 339.996 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(227, 195, 214)` looks like.

```
.text, #text, p{  
    color:rgb(227, 195, 214)  
}
```

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(227, 195, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 195, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 15.422, 339.996 is called "border". The border property can be set on classes, ids or directly on the HTML element.

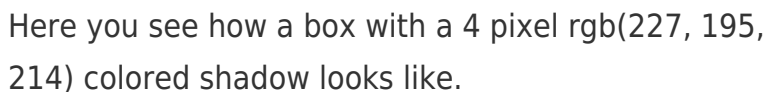
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(227, 195, 214) }
```

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

```
.border{ border-color:rgb(227, 195, 214) }
```

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



Here you see how a box with a 4 pixel `rgb(227, 195, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 195, 214); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 195, 214); box-shadow:4px 4px 4px 4px rgb(227, 195, 214) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 15.422, 339.996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 195, 214) }
```

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

```
.background{ background-color: rgb(227,  
195, 214) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor