

Converting Colors

CIELCh(82, 19.769, 342.242)

Have a look what the booklet for
CIELCh(82, 19.769, 342.242)
contains.

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Color

CIELCh(82, 19.882, 341.431)

Conversions

Conversions Part 1

Format	Color
Hex	EAC0D8
RGB	234, 192, 216
RGB Percent	92%, 75%, 85%
CMY	0.0814, 0.2462, 0.1520
CMYK	0.00, 0.18, 0.08, 0.08
HSL	326°, 50%, 84%
HSV	326°, 18%, 92%
XYZ	65.3302, 60.2982, 73.3150
YIQ	207.2940, 17.3280, 16.3680

Conversions

Conversions Part 2

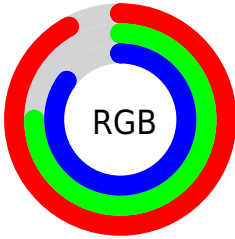
Format	Color
R_{YB}	234, 192, 216
Decimal	15384792
CIE _{Lab}	82.00, 18.85, -6.33
CIE _{LCh}	82, 19.882, 341.431
Yxy	60.2982, 0.3284, 0.3031
Android (android.graphics.Color)	4293574872 (0xFFEAC0D8)
YUV	207.2940, 4.2921, 23.4212
Hunter-Lab	77.6519, 14.2851, -1.6222

Details

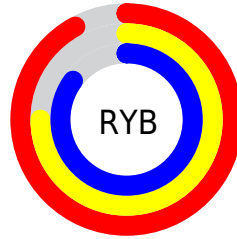
The CIELCh color $82, 19.882, 341.431$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $89, 19.566, 158.527$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 3.736, 324.489$, and $62, 20.030, 341.625$ is the 20% darker color. If you saturate the color by 10%, you get $76, 31.118, 342.366$, and if you desaturate by 10%, it is $88, 8.714, 340.565$.

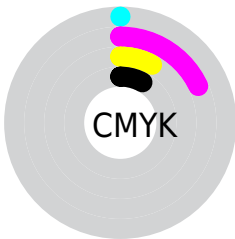
Distribution



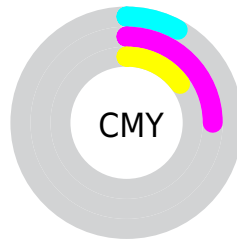
- Red (92%)
- Green (75%)
- Blue (85%)



- Red (92%)
- Yellow (75%)
- Blue (85%)



- Cyan (0%)
- Magenta (18%)
- Yellow (8%)
- Black (8%)





- Cyan (8%)
- Magenta (25%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 19.882, 341.431 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, 19.882, 341.431 by changing the saturation by 10% instead.


 82, 19.882,
341.431


 82, 19.882,
341.431


 100, 19.882,
341.431


 72, 19.882,
341.431


 62, 19.882,
341.431

 52, 19.882,
341.431

 42, 19.882,
341.431

 32, 19.882,
341.431


 22, 19.882,
341.431


 12, 19.882,


341.431

 2, 19.882, 341.431

 0, 19.882, 341.431

 82, 19.882,
341.431

 82, 19.882,
341.431

 76, 31.118,
342.366


 88, 8.714, 340.565

 71, 42.193,
343.404

 94, 2.232, 160.037

 66, 52.754,
344.583

 98, 8.511, 167.739

 61, 62.326,
345.954

 99, 7.108, 199.049

 57, 70.343,

347.595

■ 54, 76.244,
349.612

■ 52, 79.662,
352.137

■ 51, 80.710,
355.291

■ 51, 80.814,
355.988

Harmonies

Complementary

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



82, 19.882, 341.431



89, 19.566, 158.527

Rectangle

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



82, 19.882, 341.431



82, 19.882, 31.431



82, 19.882, 161.431



82, 19.882, 211.431

Sweetspot

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



82, 19.879, 341.433



97, 5.867, 340.306



80, 23.288, 307.036



51, 4.005, 340.371



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, 19.879, 341.433



86, 26.197, 341.811



81, 15.982, 14.065



46, 6.258, 340.697



39, 66.810, 355.352



8, 29.420, 349.991

Inverse Universe

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



82, 19.879, 341.433



86, 26.197, 341.811



90, 14.478, 191.215



46, 6.258, 340.697



39, 66.810, 355.352



8, 29.420, 349.991

Previews

White Background



This preview shows how the CIELCh color 82, 19.882, 341.431 looks on a white background.

Color Contrast Check

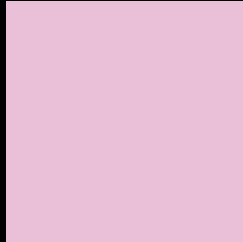
Large Text (above 18pt) WCAG AA × Fail

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, 19.882, 341.431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

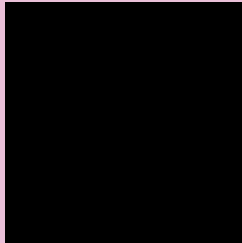
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 19.882, 341.431

Background



This preview shows how black text looks on a background with the CIELCh color 82, 19.882, 341.431.

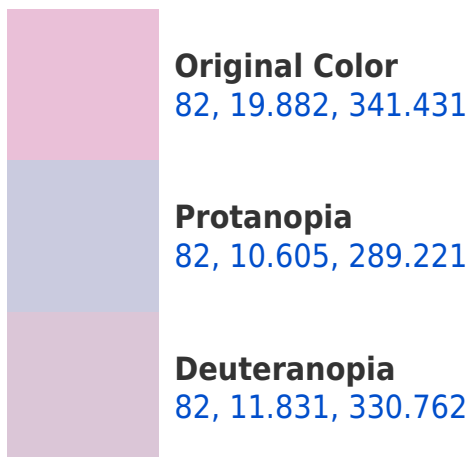


This preview shows how white text looks on a background with the CIELCh color 82, 19.882, 341.431.

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
82, 16.419, 351.957

Trichromacy



Original Color
82, 19.882, 341.431

Protanomaly
82, 12.896, 315.556

Deuteranomaly
82, 14.600, 337.064

Tritanomaly
82, 17.780, 346.533

Monochromacy



Original Color
82, 19.882, 341.431

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 7.554, 340.949

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 19.882, 341.431 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(234, 192, 216)` looks like.

```
.text, #text, p{  
    color:rgb(234, 192, 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(234, 192, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 192, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 19.882, 341.431 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(234, 192, 216) }
```

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

```
.border{ border-color:rgb(234, 192, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 192, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 192, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 192, 216);  
box-shadow:4px 4px 4px 4px rgb(234, 192,  
216) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 19.882, 341.431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 192, 216) }
```

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

```
.background{ background-color: rgb(234,  
192, 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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