

Converting Colors

CIELCh(84, 18.301, 343.990)

Have a look what the booklet for
CIELCh(84, 18.301, 343.990)
contains.

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Color

CIELCh(84, 17.971, 345.087)

Conversions

Conversions Part 1

Format	Color
Hex	EFC7DB
RGB	239, 199, 219
RGB Percent	94%, 78%, 86%
CMY	0.0642, 0.2210, 0.1426
CMYK	0.00, 0.17, 0.08, 0.06
HSL	330°, 55%, 86%
HSV	330°, 17%, 94%
XYZ	68.5529, 64.0658, 75.5222
YIQ	213.2400, 17.4200, 14.7000

Conversions

Conversions Part 2

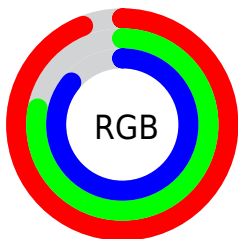
Format	Color
RYB	239, 199, 219
Decimal	15714267
CIELab	84.00, 17.37, -4.62
CIELCh	84, 17.971, 345.087
Yxy	64.0658, 0.3294, 0.3078
Android (android.graphics.Color)	4293904347 (0xFFEFC7DB)
YUV	213.2400, 2.8397, 22.5915
Hunter-Lab	80.0411, 12.8082, 0.0861

Details

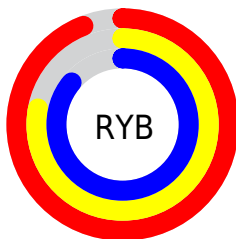
The CIELCh color `84, 17.971, 345.087` is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be `91, 17.590, 162.214`, and the grayscale version is `85, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `64, 18.010, 345.450` is the 20% darker color. If you saturate the color by 10%, you get `78, 28.915, 346.109`, and if you desaturate by 10%, it is `90, 7.162, 344.148`.

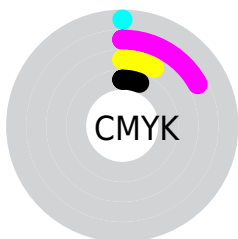
Distribution



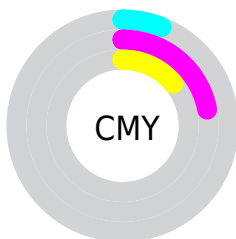
- Red (94%)
- Green (78%)
- Blue (86%)



- Red (94%)
- Yellow (78%)
- Blue (86%)



- Cyan (0%)
- Magenta (17%)
- Yellow (8%)
- Black (6%)





- Cyan (6%)
- Magenta (22%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 17.971, 345.087 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 84, 17.971, 345.087 by changing the saturation by 10% instead.


 84, 17.971,
345.087


 84, 17.971,
345.087


 100, 17.971,
345.087


 74, 17.971,
345.087

 64, 17.971,
345.087

 54, 17.971,
345.087

 44, 17.971,
345.087

 34, 17.971,
345.087

 24, 17.971,
345.087

 14, 17.971,

345.087

■ 4, 17.971, 345.087

■ 0, 17.971, 345.087

■ 84, 17.971,
345.087

■ 84, 17.971,
345.087

■ 78, 28.915,
346.109

■ 90, 7.162, 344.148

■ 72, 39.792,
347.260

■ 96, 3.379, 163.534

■ 67, 50.275,
348.593

■ 99, 5.644, 196.247

■ 62, 59.915,
350.176

■ 99, 5.626, 199.167

■ 58, 68.165,

352.105

■ 55, 74.467,
354.514

■ 53, 78.448,
357.566

■ 52, 80.162, 1.412

■ 51, 80.502, 2.772

Harmonies

Complementary

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



84, 17.971, 345.087



91, 17.590, 162.214

Rectangle

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



84, 17.971, 345.087



84, 17.971, 35.087



84, 17.971, 165.087



84, 17.971, 215.087

Sweetspot

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



84, 17.968, 345.090



97, 5.583, 343.978



83, 22.374, 309.843



51, 3.812, 344.049



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



84, 17.968, 345.090



87, 22.704, 345.416



83, 15.099, 20.545



47, 6.066, 344.404



39, 66.219, 1.980



8, 29.444, 355.563

Inverse Universe

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



84, 17.968, 345.090



87, 22.704, 345.416



92, 13.534, 198.557



47, 6.066, 344.404



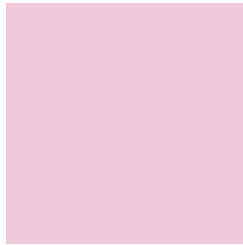
39, 66.219, 1.980



8, 29.444, 355.563

Previews

White Background



This preview shows how the CIELCh color 84, 17.971, 345.087 looks on a white background.

Color Contrast Check

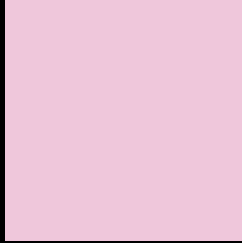
Large Text (above 18pt) WCAG AA × Fail

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 84, 17.971, 345.087 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 84, 17.971, 345.087

Background



This preview shows how black text looks on a background with the CIELCh color 84, 17.971, 345.087.

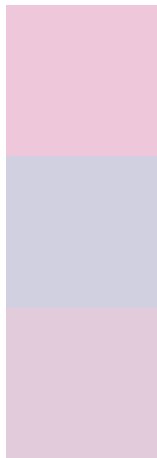


This preview shows how white text looks on a background with the CIELCh color 84, 17.971, 345.087.

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
84, 17.971, 345.087

Protanopia
84, 8.987, 293.189

Deuteranopia
84, 11.520, 336.986



Tritanopia
84, 16.586, 350.309

Trichromacy



Original Color
84, 17.971, 345.087

Protanomaly
84, 10.957, 320.143

Deuteranomaly
84, 14.130, 341.233

Tritanomaly
84, 16.840, 348.746

Monochromacy



Original Color
84, 17.971, 345.087

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 6.302, 344.102

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 17.971, 345.087 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(239, 199, 219)` looks like.

```
.text, #text, p{  
    color:rgb(239, 199, 219)  
}
```

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(239, 199, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 199, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 17.971, 345.087 is called "border". The border property can be set on classes, ids or directly on the HTML element.

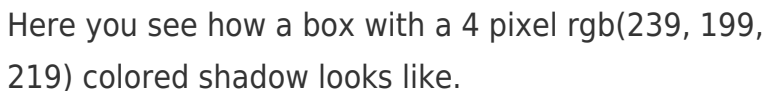
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(239, 199, 219) }
```

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

```
.border{ border-color:rgb(239, 199, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(239, 199, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 199, 219); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 199, 219); box-shadow:4px 4px 4px 4px rgb(239, 199, 219) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 17.971, 345.087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 199, 219) }
```

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

```
.background{ background-color: rgb(239,  
199, 219) }
```

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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