

Converting Colors

CIELCh(85, 17.754, 339.882)

Have a look what the booklet for
CIELCh(85, 17.754, 339.882)
contains.

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Color

CIELCh(85, 17.690, 340.076)

Conversions

Conversions Part 1

Format	Color
Hex	EFCAE0
RGB	239, 202, 224
RGB Percent	94%, 79%, 88%
CMY	0.0625, 0.2076, 0.1214
CMYK	0.00, 0.15, 0.06, 0.06
HSL	324°, 54%, 86%
HSV	324°, 15%, 94%
XYZ	70.2060, 66.0070, 79.5958
YIQ	215.5710, 14.9900, 14.6860

Conversions

Conversions Part 2

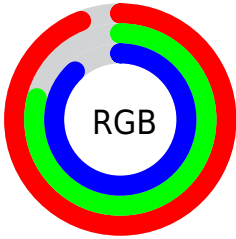
Format	Color
R _Y B	239, 202, 224
Decimal	15715040
CIE Lab	85.00, 16.63, -6.03
CIE LCh	85, 17.690, 340.076
Yxy	66.0070, 0.3253, 0.3059
Android (android.graphics.Color)	4293905120 (0xFFEFCAE0)
YUV	215.5710, 4.1555, 20.5472
Hunter-Lab	81.2447, 12.0691, -1.2154

Details

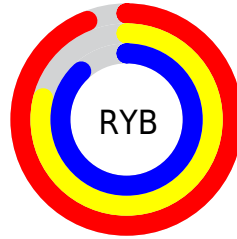
The CIELCh color $85, 17.690, 340.076$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $91, 17.470, 157.666$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $65, 17.699, 340.100$ is the 20% darker color. If you saturate the color by 10%, you get $79, 29.279, 340.963$, and if you desaturate by 10%, it is $91, 6.202, 339.232$.

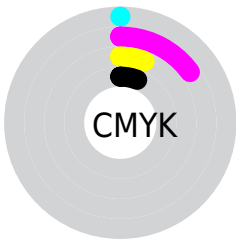
Distribution



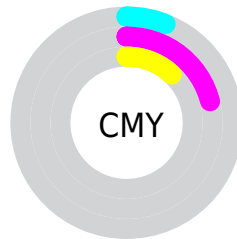
- Red (94%)
- Green (79%)
- Blue (88%)



- Red (94%)
- Yellow (79%)
- Blue (88%)



- Cyan (0%)
- Magenta (15%)
- Yellow (6%)
- Black (6%)





- Cyan (6%)
- Magenta (21%)
- Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 85, 17.690, 340.076 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 85, 17.690, 340.076 by changing the saturation by 10% instead.


 85, 17.690,
340.076


 85, 17.690,
340.076


 100, 17.690,
340.076


 75, 17.690,
340.076

 65, 17.690,
340.076

 55, 17.690,
340.076

 45, 17.690,
340.076

 35, 17.690,
340.076

 25, 17.690,
340.076

 15, 17.690,

340.076

■ 5, 17.690, 340.076

■ 0, 17.690, 340.076

■ 85, 17.690,
340.076

■ 85, 17.690,
340.076

■ 79, 29.279,
340.963

■ 91, 6.202, 339.232

■ 74, 40.755,
341.935

■ 97, 5.042, 158.648

■ 68, 51.782,
343.026

■ 99, 5.599, 189.349

■ 64, 61.902,
344.277

■ 99, 5.484, 199.179

■ 60, 70.546,

345.751

■ 56, 77.124,
347.537

■ 54, 81.188,
349.753

■ 53, 82.661,
352.530

■ 52, 82.794,
353.943

Harmonies

Complementary

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



85, 17.690, 340.076



91, 17.470, 157.666

Rectangle

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



85, 17.690, 340.076



85, 17.690, 30.076



85, 17.690, 160.076



85, 17.690, 210.076

Sweetspot

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



85, 17.687, 340.078



97, 5.964, 339.191



84, 20.301, 306.313



51, 4.072, 339.254



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



85, 17.687, 340.078



88, 22.939, 340.387



85, 13.934, 12.489



47, 6.473, 339.574



40, 68.126, 353.352



9, 30.578, 348.653

Inverse Universe

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



85, 17.687, 340.078



88, 22.939, 340.387



92, 12.845, 189.993



47, 6.473, 339.574



40, 68.126, 353.352



9, 30.578, 348.653

Previews

White Background



This preview shows how the CIELCh color 85, 17.690, 340.076 looks on a white background.

Color Contrast Check

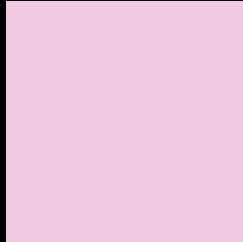
Large Text (above 18pt) WCAG AA × Fail

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 85, 17.690, 340.076 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 85, 17.690, 340.076

Background



This preview shows how black text looks on a background with the CIELCh color 85, 17.690, 340.076.



This preview shows how white text looks on a background with the CIELCh color 85, 17.690, 340.076.

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
85, 17.690, 340.076

Protanopia
85, 10.003, 291.031

Deuteranopia
85, 11.984, 332.088



Tritanopia
85, 15.280, 347.319

Trichromacy



Original Color
85, 17.690, 340.076

Protanomaly
85, 11.548, 314.479

Deuteranomaly
85, 13.612, 336.468

Tritanomaly
85, 15.852, 344.113

Monochromacy



Original Color
85, 17.690, 340.076

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 6.329, 338.287

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 17.690, 340.076 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, 202, 224)` looks like.

```
.text, #text, p{  
    color:rgb(239, 202, 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(239, 202, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 202, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 17.690, 340.076 is called "border". The border property can be set on classes, ids or directly on the HTML element.

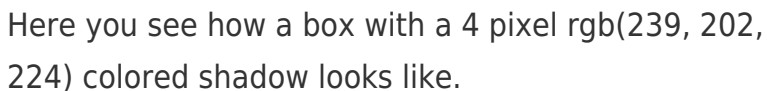
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(239, 202, 224) }
```

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

```
.border{ border-color:rgb(239, 202, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(239, 202, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(239, 202, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(239, 202, 224); box-shadow:4px 4px 4px 4px rgb(239, 202, 224) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 17.690, 340.076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 202, 224) }
```

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

```
.background{ background-color: rgb(239,  
202, 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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