

Converting Colors

CIELCh(86, 15.836, 355.251)

Have a look what the booklet for
CIELCh(86, 15.836, 355.251)
contains.

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Color

CIElCh(86, 15.822, 355.244)

Conversions

Conversions Part 1

Format	Color
Hex	F4CDDA
RGB	244, 205, 218
RGB Percent	96%, 80%, 85%
CMY	0.0430, 0.1959, 0.1449
CMYK	0.00, 0.16, 0.11, 0.04
HSL	340°, 64%, 88%
HSV	340°, 16%, 96%
XYZ	71.8245, 67.9871, 75.6954
YIQ	218.1430, 19.0710, 12.3110

Conversions

Conversions Part 2

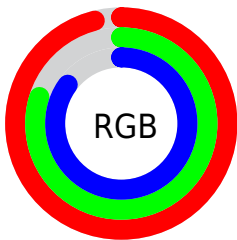
Format	Color
RYB	244, 205, 218
Decimal	16043482
CIELab	86.00, 15.77, -1.31
CIELCh	86, 15.822, 355.244
Yxy	67.9871, 0.3333, 0.3155
Android (android.graphics.Color)	4294233562 (0xFFF4CDDA)
YUV	218.1430, -0.0705, 22.6766
Hunter-Lab	82.4543, 11.1932, 3.2881

Details

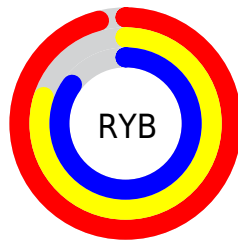
The CIELCh color $86, 15.822, 355.244$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $93, 15.185, 172.218$, and the grayscale version is $87, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $66, 15.430, 355.583$ is the 20% darker color. If you saturate the color by 10%, you get $80, 26.125, 356.453$, and if you desaturate by 10%, it is $92, 5.812, 354.160$.

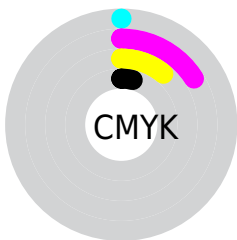
Distribution



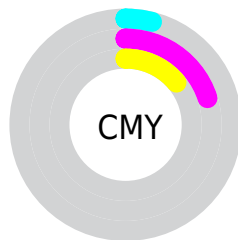
- Red (96%)
- Green (80%)
- Blue (85%)



- Red (96%)
- Yellow (80%)
- Blue (85%)



- Cyan (0%)
- Magenta (16%)
- Yellow (11%)
- Black (4%)





- Cyan (4%)
- Magenta (20%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 15.822, 355.244 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 86, 15.822, 355.244 by changing the saturation by 10% instead.


 86, 15.822,
355.244


 86, 15.822,
355.244


 100, 15.822,
355.244


 76, 15.822,
355.244

 66, 15.822,
355.244

 56, 15.822,
355.244

 46, 15.822,
355.244

 36, 15.822,
355.244

 26, 15.822,
355.244

 16, 15.822,

355.244

■ 6, 15.822, 355.244

■ 0, 15.822, 355.244

■ 86, 15.822,
355.244

■ 86, 15.822,
355.244

■ 80, 26.125,
356.453

■ 92, 5.812, 354.160

■ 74, 36.571,
357.862

■ 99, 3.816, 173.491

■ 99, 3.785, 199.340

■ 68, 46.894,
359.554

■ 63, 56.713, 1.636

■ 59, 65.548, 4.250

■ 56, 72.922, 7.571

■ 53, 78.545, 11.771

■ 52, 82.549, 16.925

■ 52, 83.996, 19.133

Harmonies

Complementary

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



86, 15.822, 355.244



93, 15.185, 172.218

Rectangle

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



86, 15.822, 355.244



86, 15.822, 45.244



86, 15.822, 175.244



86, 15.822, 225.244

Sweetspot

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



86, 15.819, 355.249



97, 5.027, 354.049



86, 22.497, 315.339



51, 3.434, 354.130



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

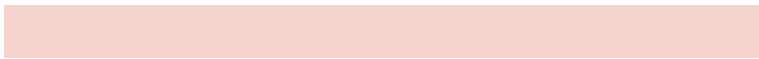
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86, 15.819, 355.249



87, 19.593, 355.600



87, 12.669, 35.641



48, 5.574, 354.540



39, 68.237, 18.084



9, 29.626, 9.004

Inverse Universe

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



86, 15.819, 355.249



87, 19.593, 355.600



92, 11.391, 216.011



48, 5.574, 354.540



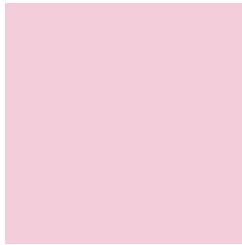
39, 68.237, 18.084



9, 29.626, 9.004

Previews

White Background



This preview shows how the CIELCh color 86, 15.822, 355.244 looks on a white background.

Color Contrast Check

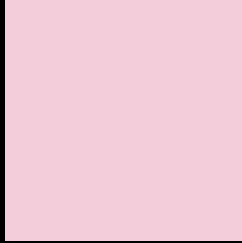
Large Text (above 18pt) WCAG AA × Fail

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 86, 15.822, 355.244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

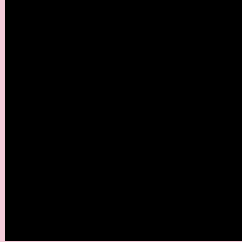
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 15.822, 355.244

Background



This preview shows how black text looks on a background with the CIELCh color 86, 15.822, 355.244.



This preview shows how white text looks on a background with the CIELCh color 86, 15.822, 355.244.

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
86, 16.500, 350.268

Trichromacy



Original Color
86, 15.822, 355.244

Protanomaly
86, 7.833, 337.952

Deuteranomaly
86, 11.953, 357.149

Tritanomaly
86, 16.260, 351.879

Monochromacy



Original Color
86, 15.822, 355.244

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 5.731, 352.603

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 15.822, 355.244 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(244, 205, 218)` looks like.

```
.text, #text, p{  
    color:rgb(244, 205, 218)  
}
```

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(244, 205, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 205, 218) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 15.822, 355.244 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(244, 205, 218) }
```

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

```
.border{ border-color:rgb(244, 205, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 205, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(244, 205, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(244, 205, 218); box-shadow:4px 4px 4px 4px rgb(244, 205, 218) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 15.822, 355.244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 205, 218) }
```

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

```
.background{ background-color: rgb(244,  
205, 218) }
```

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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