

Converting Colors

CIELCh(86, 15.731, 343.769)

Have a look what the booklet for
CIELCh(86, 15.731, 343.769)
contains.

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Color

CIELCh(86, 15.521, 343.256)

Conversions

Conversions Part 1

Format	Color
Hex	F0CEE0
RGB	240, 206, 224
RGB Percent	94%, 81%, 88%
CMY	0.0592, 0.1925, 0.1219
CMYK	0.00, 0.14, 0.07, 0.06
HSL	328°, 53%, 87%
HSV	328°, 14%, 94%
XYZ	71.3973, 67.9871, 79.8179
YIQ	218.2180, 14.4860, 12.8060

Conversions

Conversions Part 2

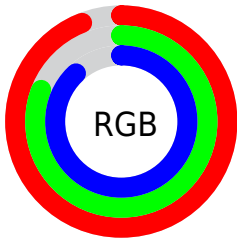
Format	Color
R _Y B	240, 206, 224
Decimal	15781600
CIE Lab	86.00, 14.86, -4.47
CIE LCh	86, 15.521, 343.256
Yxy	67.9871, 0.3257, 0.3102
Android (android.graphics.Color)	4293971680 (0xFFFF0CEE0)
YUV	218.2180, 2.8505, 19.1028
Hunter-Lab	82.4543, 10.2685, 0.3238

Details

The CIELCh color $86, 15.521, 343.256$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $92, 15.275, 160.938$, 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 $66, 15.416, 343.431$ is the 20% darker color. If you saturate the color by 10%, you get $80, 26.683, 344.215$, and if you desaturate by 10%, it is $92, 4.517, 342.336$.

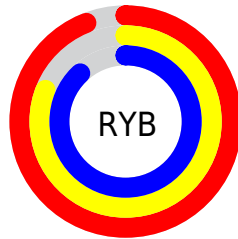
Distribution



Red (94%)

Green (81%)

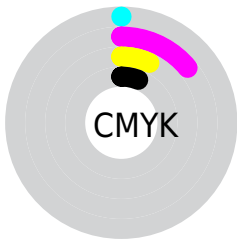
Blue (88%)



Red (94%)

Yellow (81%)

Blue (88%)

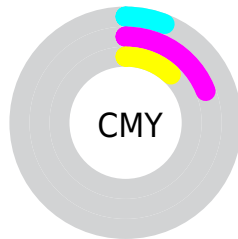


Cyan (0%)

Magenta (14%)

Yellow (7%)

Black (6%)



Cyan (6%)


Magenta (19%)


Yellow (12%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 86, 15.521, 343.256 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, 15.521, 343.256 by changing the saturation by 10% instead.


 86, 15.521,
343.256


 86, 15.521,
343.256


 100, 15.521,
343.256


 76, 15.521,
343.256

 66, 15.521,
343.256

 56, 15.521,
343.256

 46, 15.521,
343.256

 36, 15.521,
343.256

 26, 15.521,
343.256

 16, 15.521,

343.256

■ 6, 15.521, 343.256

■ 0, 15.521, 343.256

■ 86, 15.521,
343.256

■ 86, 15.521,
343.256

■ 80, 26.683,
344.215

■ 92, 4.517, 342.336

■ 74, 37.816,
345.280

■ 98, 6.208, 161.733

■ 69, 48.616,
346.495

■ 99, 5.193, 199.204

■ 64, 58.655,
347.915

■ 60, 67.393,

349.621

■ 56, 74.248,
351.724

■ 54, 78.761,
354.370

■ 52, 80.828,
357.714

■ 52, 81.261,
359.961

Harmonies

Complementary

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



86, 15.521, 343.256



92, 15.275, 160.938

Rectangle

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



86, 15.521, 343.256



86, 15.521, 33.256



86, 15.521, 163.256



86, 15.521, 213.256

Sweetspot

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



86, 15.518, 343.259



97, 4.553, 342.319



85, 18.815, 308.567



52, 3.238, 342.397



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, 15.518, 343.259



89, 19.617, 343.526



86, 12.680, 17.660



47, 6.188, 342.834



40, 66.620, 359.218



8, 29.742, 353.336

Inverse Universe

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



86, 15.518, 343.259



89, 19.617, 343.526



92, 11.636, 195.793



47, 6.188, 342.834



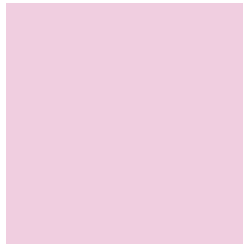
40, 66.620, 359.218



8, 29.742, 353.336

Previews

White Background



This preview shows how the CIELCh color 86, 15.521, 343.256 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, 15.521, 343.256 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, 15.521, 343.256

Background



This preview shows how black text looks on a background with the CIELCh color 86, 15.521, 343.256.

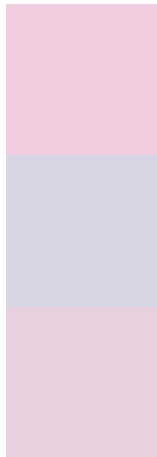


This preview shows how white text looks on a background with the CIELCh color 86, 15.521, 343.256.

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

86, 15.521, 343.256

Protanopia

86, 7.891, 293.393

Deuteranopia

86, 11.114, 338.940



Tritanopia
86, 14.936, 346.491

Trichromacy



Original Color
86, 15.521, 343.256

Protanomaly
86, 9.641, 319.474

Deuteranomaly
86, 12.562, 341.663

Tritanomaly
86, 15.222, 344.842

Monochromacy



Original Color
86, 15.521, 343.256

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 5.377, 344.005

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 15.521, 343.256 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(240, 206, 224)` looks like.

```
.text, #text, p{  
    color:rgb(240, 206, 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(240, 206, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 206, 224) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 15.521, 343.256 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(240, 206, 224) }
```

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

```
.border{ border-color:rgb(240, 206, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 206, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 206, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 206, 224);  
box-shadow:4px 4px 4px 4px rgb(240, 206,  
224) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 15.521, 343.256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 206, 224) }
```

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

```
.background{ background-color: rgb(240,  
206, 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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