

Converting Colors

CIELCh(85, 15.319, 27.291)

Have a look what the booklet for
CIELCh(85, 15.319, 27.291) contains.

CIELCh(85, 15.211, 26.397)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(85, 15.211, 26.397)

Conversions

Conversions Part 1

Format	Color
Hex	F3CBC8
RGB	243, 203, 200
RGB Percent	95%, 80%, 78%
CMY	0.0466, 0.2035, 0.2153
CMYK	0.00, 0.16, 0.18, 0.05
HSL	4°, 64%, 87%
HSV	4°, 18%, 95%
XYZ	68.8145, 66.0070, 63.8181
YIQ	214.6180, 24.8030, 7.5470

Conversions

Conversions Part 2

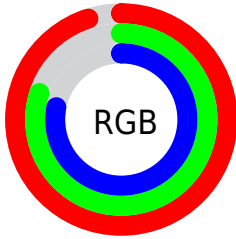
Format	Color
R _Y B	243, 203, 200
Decimal	15977416
CIE Lab	85.00, 13.63, 6.76
CIE LCh	85, 15.211, 26.397
Yxy	66.0070, 0.3464, 0.3323
Android (android.graphics.Color)	4294167496 (0xFFFF3CBC8)
YUV	214.6180, -7.2067, 24.8910
Hunter-Lab	81.2447, 9.0118, 10.2987

Details

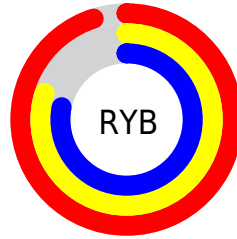
The CIELCh color **85, 15.211, 26.397** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 13.497, 205.225**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **65, 15.022, 27.077** is the 20% darker color. If you saturate the color by 10%, you get **79, 24.805, 27.125**, and if you desaturate by 10%, it is **91, 6.344, 25.841**.

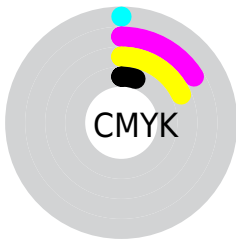
Distribution



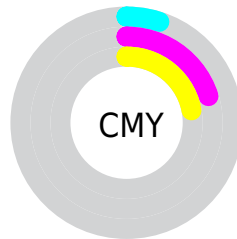
- Red (95%)
- Green (80%)
- Blue (78%)



- Red (95%)
- Yellow (80%)
- Blue (78%)



- Cyan (0%)
- Magenta (16%)
- Yellow (18%)
- Black (5%)



- Cyan (5%)
- Magenta (20%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 15.211, 26.397 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, 15.211, 26.397 by changing the saturation by 10% instead.

 85, 15.211, 26.397

 85, 15.211, 26.397

 100, 15.211,
26.397

 75, 15.211, 26.397

 65, 15.211, 26.397

 55, 15.211, 26.397

 45, 15.211, 26.397

 35, 15.211, 26.397

 25, 15.211, 26.397

 15, 15.211, 26.397

 5, 15.211, 26.397

 0, 15.211, 26.397

85, 15.211, 26.397

85, 15.211, 26.397

79, 24.805, 27.125

91, 6.344, 25.841

73, 35.131, 28.092

97, 1.830, 205.936

68, 46.126, 29.390

99, 4.105, 199.306

63, 57.640, 31.098

59, 69.400, 33.267

55, 80.937, 35.835

53, 91.316, 38.432

51, 98.625, 40.173

51, 99.940, 40.566

Harmonies

Complementary

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



85, 15.211, 26.397



92, 13.497, 205.225

Rectangle

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



85, 15.211, 26.397



85, 15.211, 76.397



85, 15.211, 206.397



85, 15.211, 256.397

Sweetspot

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



85, 15.209, 26.406



97, 4.241, 25.676



85, 25.998, 327.284



51, 2.902, 25.724



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, 15.209, 26.406



87, 19.031, 26.625



90, 14.449, 79.975



48, 4.750, 25.940



39, 81.569, 40.743



9, 29.575, 28.723

Inverse Universe

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



92, 13.497, 205.225



96, 16.474, 205.155



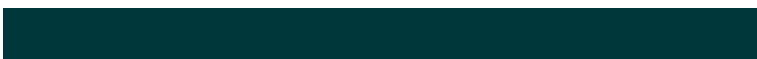
87, 14.057, 264.856



50, 4.466, 205.456



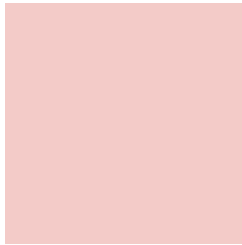
65, 36.203, 208.334



20, 16.257, 206.616

Previews

White Background



This preview shows how the CIELCh color 85, 15.211, 26.397 looks on a white background.

Color Contrast Check

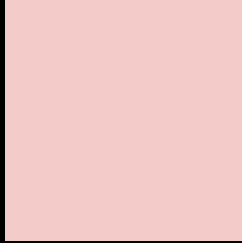
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 85, 15.211, 26.397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

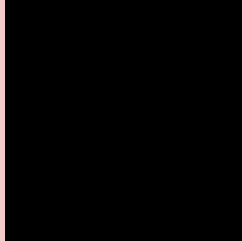
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 15.211, 26.397

Background



This preview shows how black text looks on a background with the CIELCh color 85, 15.211, 26.397.

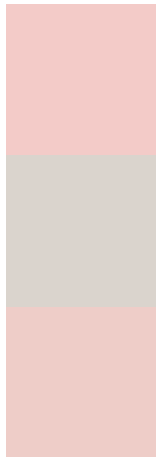


This preview shows how white text looks on a background with the CIELCh color 85, 15.211, 26.397.

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, 15.211, 26.397

Protanopia

85, 4.261, 78.641

Deuteranopia

85, 12.721, 32.089



Tritanopia
85, 17.965, 354.960

Trichromacy



Original Color
85, 15.211, 26.397

Protanomaly
85, 7.389, 44.894

Deuteranomaly
85, 13.756, 29.084

Tritanomaly
85, 16.136, 5.668

Monochromacy



Original Color
85, 15.211, 26.397

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 5.158, 25.483

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 15.211, 26.397 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(243, 203, 200)` looks like.

```
.text, #text, p{  
    color:rgb(243, 203, 200)  
}
```

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(243, 203, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 203, 200) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 15.211, 26.397 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(243, 203, 200) }
```

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

```
.border{ border-color:rgb(243, 203, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 203, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 203, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 203, 200);  
box-shadow:4px 4px 4px 4px rgb(243, 203,  
200) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 15.211, 26.397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 203, 200) }
```

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

```
.background{ background-color: rgb(243,  
203, 200) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor