

Converting Colors

CIELCh(86, 19.186, 13.293)

Have a look what the booklet for
CIELCh(86, 19.186, 13.293) contains.

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Color

CIELCh(86, 18.865, 14.538)

Conversions

Conversions Part 1

Format	Color
Hex	FDCBCF
RGB	253, 203, 207
RGB Percent	99%, 80%, 81%
CMY	0.0085, 0.2045, 0.1888
CMYK	0.00, 0.20, 0.18, 0.01
HSL	355°, 92%, 89%
HSV	355°, 20%, 99%
XYZ	73.0107, 67.9871, 68.2059
YIQ	218.4060, 28.5160, 11.8440

Conversions

Conversions Part 2

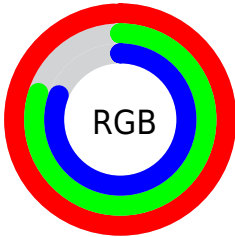
Format	Color
R _Y B	253, 203, 207
Decimal	16632783
CIE Lab	86.00, 18.26, 4.74
CIE LCh	86, 18.865, 14.538
Yxy	67.9871, 0.3490, 0.3250
Android (android.graphics.Color)	4294822863 (0xFFFD CBCF)
YUV	218.4060, -5.6232, 30.3389
Hunter-Lab	82.4543, 13.7611, 8.6735

Details

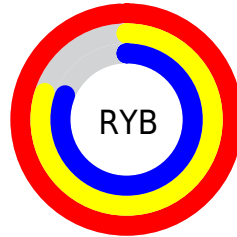
The CIELCh color **86, 18.865, 14.538** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 16.879, 191.361**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **66, 18.848, 14.590** is the 20% darker color. If you saturate the color by 10%, you get **80, 29.338, 15.794**, and if you desaturate by 10%, it is **93, 9.009, 13.513**.

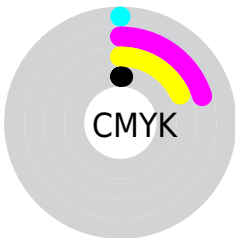
Distribution



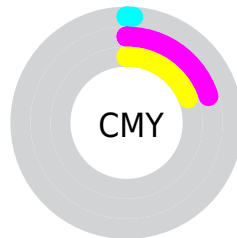
- Red (99%)
- Green (80%)
- Blue (81%)



- Red (99%)
- Yellow (80%)
- Blue (81%)



- Cyan (0%)
- Magenta (20%)
- Yellow (18%)
- Black (1%)



- Cyan (1%)
- Magenta (20%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 18.865, 14.538 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, 18.865, 14.538 by changing the saturation by 10% instead.

 86, 18.865, 14.538

 86, 18.865, 14.538

 100, 18.865,
14.538

 76, 18.865, 14.538

 66, 18.865, 14.538

 56, 18.865, 14.538

 46, 18.865, 14.538

 36, 18.865, 14.538

 26, 18.865, 14.538

 16, 18.865, 14.538

 6, 18.865, 14.538

 0, 18.865, 14.538

86, 18.865, 14.538

86, 18.865, 14.538

80, 29.338, 15.794

93, 9.009, 13.513

74, 40.340, 17.365

99, 0.202, 195.971

68, 51.677, 19.370

100, 0.752,
200.239

63, 63.046, 21.938

59, 74.066, 25.190

56, 84.336, 29.148

54, 93.411, 33.551

53, 100.476,
37.499

53, 100.611,
37.568

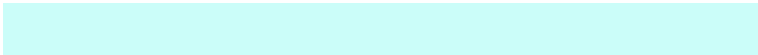
Harmonies

Complementary

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



86, 18.865, 14.538



96, 16.879, 191.361

Rectangle

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



86, 18.865, 14.538



86, 18.865, 64.538



86, 18.865, 194.538



86, 18.865, 244.538

Sweetspot

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



86, 18.863, 14.544



96, 5.499, 13.143



87, 30.655, 323.160



51, 3.655, 13.209



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

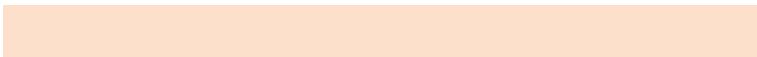
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86, 18.863, 14.544



84, 23.382, 15.042



91, 15.464, 63.753



50, 5.274, 13.488



40, 80.899, 36.911



10, 32.742, 23.945

Inverse Universe

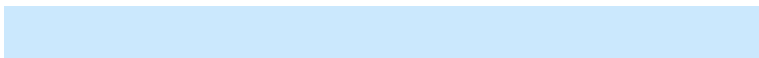
The Inverse Universe completely reimagines the original color for something new.



86, 18.863, 14.544



84, 23.382, 15.042



91, 14.266, 248.494



50, 5.274, 13.488



40, 80.899, 36.911



10, 32.742, 23.945

Previews

White Background



This preview shows how the CIELCh color 86, 18.865, 14.538 looks on a white background.

Color Contrast Check

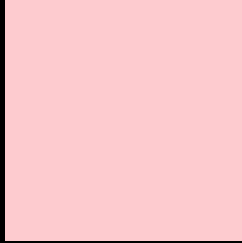
Large Text (above 18pt) WCAG AA × Fail

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 86, 18.865, 14.538 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

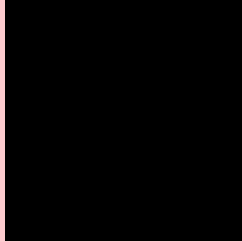
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 18.865, 14.538

Background



This preview shows how black text looks on a background with the CIELCh color 86, 18.865, 14.538.

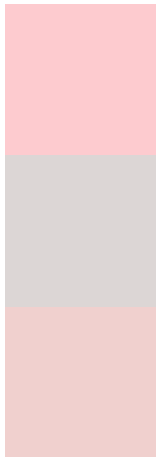


This preview shows how white text looks on a background with the CIELCh color 86, 18.865, 14.538.

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, 18.865, 14.538

Protanopia

86, 2.235, 32.826

Deuteranopia

86, 11.999, 25.215



Tritanopia
86, 21.208, 357.981

Trichromacy



Original Color
86, 18.865, 14.538

Protanomaly
86, 8.119, 16.260

Deuteranomaly
86, 14.608, 20.473

Tritanomaly
86, 20.112, 4.480

Monochromacy



Original Color
86, 18.865, 14.538

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 7.038, 11.328

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 18.865, 14.538 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(253, 203, 207)` looks like.

```
.text, #text, p{  
    color:rgb(253, 203, 207)  
}
```

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(253, 203, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 203, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 18.865, 14.538 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(253, 203, 207) }
```

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

```
.border{ border-color:rgb(253, 203, 207) }
```

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

Here you see how a box with a 4 pixel rgb(253, 203, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 203, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 203, 207);  
box-shadow:4px 4px 4px 4px rgb(253, 203,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 18.865, 14.538 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 203, 207) }
```

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

```
.background{ background-color: rgb(253,  
203, 207) }
```

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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