

Converting Colors

CIELCh(86, 19.024, 17.737)

Have a look what the booklet for
CIELCh(86, 19.024, 17.737) contains.

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Color

CIELCh(86, 18.853, 17.686)

Conversions

Conversions Part 1

Format	Color
Hex	FDCBCD
RGB	253, 203, 205
RGB Percent	99%, 80%, 80%
CMY	0.0079, 0.2040, 0.1962
CMYK	0.00, 0.20, 0.19, 0.01
HSL	358°, 93%, 89%
HSV	358°, 20%, 99%
XYZ	72.8677, 67.9871, 67.0266
YIQ	218.1780, 29.1580, 11.2220

Conversions

Conversions Part 2

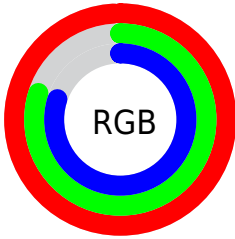
Format	Color
R _Y B	253, 203, 205
Decimal	16632781
CIE Lab	86.00, 17.96, 5.73
CIE LCh	86, 18.853, 17.686
Yxy	67.9871, 0.3505, 0.3270
Android (android.graphics.Color)	4294822861 (0xFFFDCCBD)
YUV	218.1780, -6.4968, 30.5389
Hunter-Lab	82.4543, 13.4516, 9.5215

Details

The CIELCh color **86, 18.853, 17.686** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 16.698, 194.853**, 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, 18.852, 17.910** is the 20% darker color. If you saturate the color by 10%, you get **80, 29.416, 18.872**, and if you desaturate by 10%, it is **93, 8.974, 16.736**.

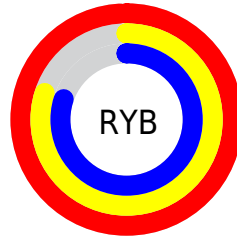
Distribution



Red (99%)

Green (80%)

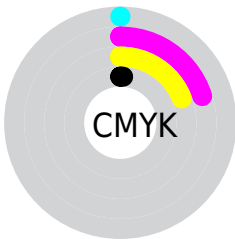
Blue (80%)



Red (99%)

Yellow (80%)

Blue (80%)

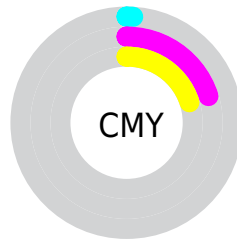


Cyan (0%)

Magenta (20%)

Yellow (19%)

Black (1%)



Cyan (1%)

Magenta (20%)

Yellow (20%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 18.853, 17.686 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, 18.853, 17.686 by changing the saturation by 10% instead.

 86, 18.853, 17.686

 86, 18.853, 17.686

 100, 18.853,
17.686

 76, 18.853, 17.686

 66, 18.853, 17.686

 56, 18.853, 17.686

 46, 18.853, 17.686

 36, 18.853, 17.686

 26, 18.853, 17.686

 16, 18.853, 17.686

 6, 18.853, 17.686

 0, 18.853, 17.686

86, 18.853, 17.686

86, 18.853, 17.686

80, 29.416, 18.872

93, 8.974, 16.736

73, 40.592, 20.377

99, 0.209, 199.201

68, 52.206, 22.321

100, 0.703,
200.304

63, 63.971, 24.826

59, 75.503, 27.989

56, 86.338, 31.772

54, 95.762, 35.775

53, 102.305,
38.866

53, 102.416,
38.910

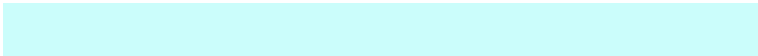
Harmonies

Complementary

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



86, 18.853, 17.686



96, 16.698, 194.853

Rectangle

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



86, 18.853, 17.686



86, 18.853, 67.686



86, 18.853, 197.686



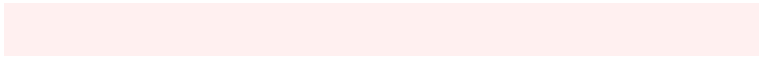
86, 18.853, 247.686

Sweetspot

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



86, 18.851, 17.693



96, 5.474, 16.395



87, 30.946, 324.117



51, 3.640, 16.456



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

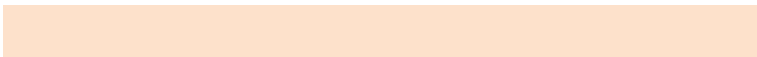
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86, 18.851, 17.693



84, 23.398, 18.160



91, 15.635, 67.508



49, 5.255, 16.714



40, 82.511, 38.471



10, 33.042, 25.578

Inverse Universe

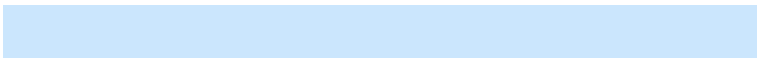
The Inverse Universe completely reimagines the original color for something new.



86, 18.851, 17.693



84, 23.398, 18.160



90, 14.587, 252.554



49, 5.255, 16.714



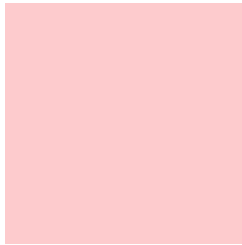
40, 82.511, 38.471



10, 33.042, 25.578

Previews

White Background



This preview shows how the CIELCh color 86, 18.853, 17.686 looks on a white background.

Color Contrast Check

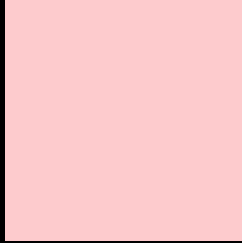
Large Text (above 18pt) WCAG AA × Fail

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, 18.853, 17.686 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

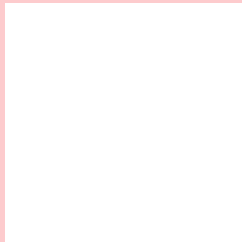
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 18.853, 17.686

Background



This preview shows how black text looks on a background with the CIELCh color 86, 18.853, 17.686.



This preview shows how white text looks on a background with the CIELCh color 86, 18.853, 17.686.

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, 18.853, 17.686

Protanopia

86, 2.676, 55.178

Deuteranopia

86, 12.181, 30.064



Tritanopia
86, 21.208, 357.981

Trichromacy



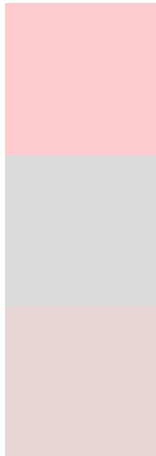
Original Color
86, 18.853, 17.686

Protanomaly
86, 8.144, 23.604

Deuteranomaly
86, 14.703, 24.515

Tritanomaly
86, 20.112, 4.480

Monochromacy



Original Color
86, 18.853, 17.686

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 6.600, 19.802

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 18.853, 17.686 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(253, 203, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 203, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 18.853, 17.686 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, 205) }
```

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

```
.border{ border-color:rgb(253, 203, 205) }
```

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, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 203, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 203, 205);  
box-shadow:4px 4px 4px 4px rgb(253, 203,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 18.853, 17.686 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, 205) }
```

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

```
.background{ background-color: rgb(253,  
203, 205) }
```

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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