

Converting Colors

CIELCh(86, 19.170, 7.797)

Have a look what the booklet for
CIELCh(86, 19.170, 7.797) contains.

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Color

CIELCh(86, 19.540, 7.091)

Conversions

Conversions Part 1

Format	Color
Hex	FDCAD3
RGB	253, 202, 211
RGB Percent	99%, 79%, 83%
CMY	0.0069, 0.2069, 0.1717
CMYK	0.00, 0.20, 0.17, 0.01
HSL	349°, 94%, 89%
HSV	349°, 20%, 99%
XYZ	73.5523, 67.9871, 71.0219
YIQ	218.2750, 27.5070, 13.6110

Conversions

Conversions Part 2

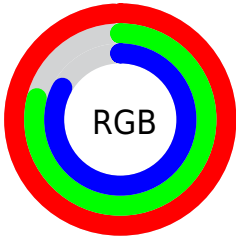
Format	Color
R _Y B	253, 202, 211
Decimal	16632531
CIE Lab	86.00, 19.39, 2.41
CIE LCh	86, 19.540, 7.091
Yxy	67.9871, 0.3460, 0.3198
Android (android.graphics.Color)	4294822611 (0xFFFD CAD3)
YUV	218.2750, -3.5866, 30.4538
Hunter-Lab	82.4543, 14.9336, 6.6486

Details

The CIELCh color **86, 19.540, 7.091** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **96, 17.889, 183.294**, 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, 19.540, 6.758** is the 20% darker color. If you saturate the color by 10%, you get **80, 29.969, 8.445**, and if you desaturate by 10%, it is **93, 9.572, 5.955**.

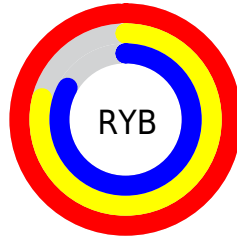
Distribution



Red (99%)

Green (79%)

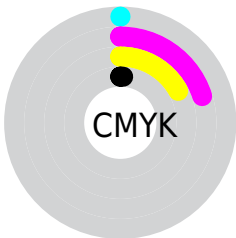
Blue (83%)



Red (99%)

Yellow (79%)

Blue (83%)

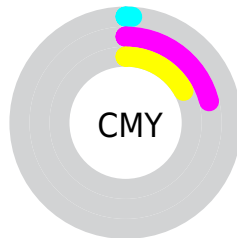


Cyan (0%)

Magenta (20%)

Yellow (17%)

Black (1%)



Cyan (1%)

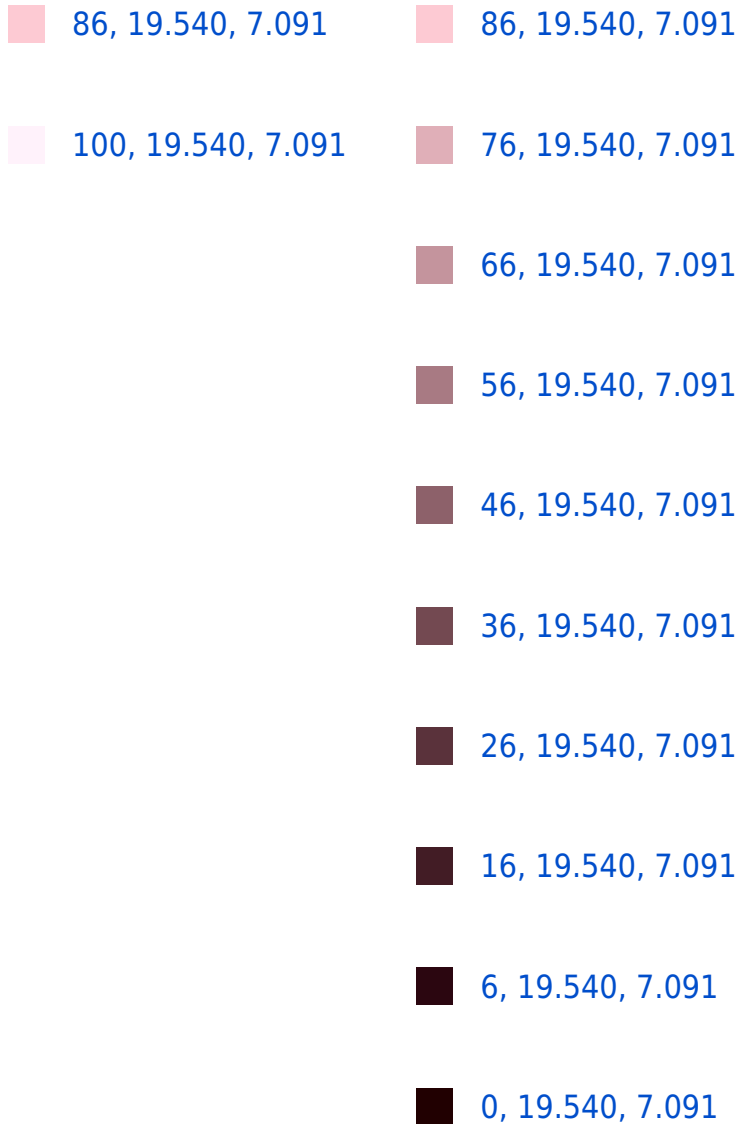
Magenta (21%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 19.540, 7.091 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, 19.540, 7.091 by changing the saturation by 10% instead.



86, 19.540, 7.091

86, 19.540, 7.091

80, 29.969, 8.445

93, 9.572, 5.955

74, 40.724, 10.096

99, 0.134, 0.479

68, 51.559, 12.158

100, 0.614,
200.447

63, 62.118, 14.771

59, 71.983, 18.088

56, 80.798, 22.227

54, 88.416, 27.146

53, 94.904, 32.268

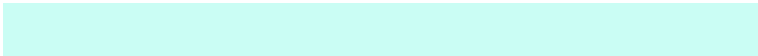
Harmonies

Complementary

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



86, 19.540, 7.091



96, 17.889, 183.294

Rectangle

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



86, 19.540, 7.091



86, 19.540, 57.091



86, 19.540, 187.091



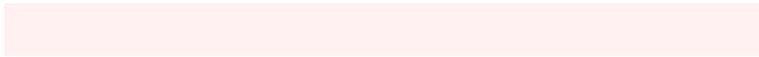
86, 19.540, 237.091

Sweetspot

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



86, 19.538, 7.096



96, 5.630, 5.504



86, 30.438, 320.215



51, 3.741, 5.577



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

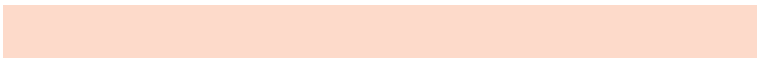
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86, 19.538, 7.096



84, 23.646, 7.588



90, 15.699, 52.177



50, 5.387, 5.887



40, 76.128, 31.309



10, 32.124, 19.868

Inverse Universe

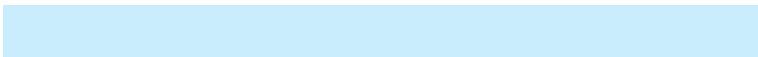
The Inverse Universe completely reimagines the original color for something new.



86, 19.538, 7.096



84, 23.646, 7.588



92, 14.022, 235.578



50, 5.387, 5.887



40, 76.128, 31.309



10, 32.124, 19.868

Previews

White Background



This preview shows how the CIELCh color 86, 19.540, 7.091 looks on a white background.

Color Contrast Check

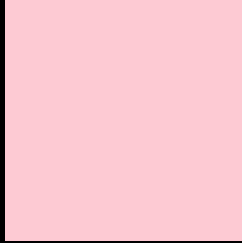
Large Text (above 18pt) WCAG AA × Fail

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, 19.540, 7.091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

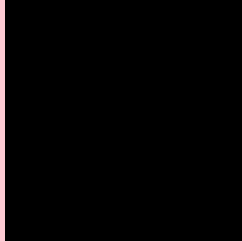
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 19.540, 7.091

Background



This preview shows how black text looks on a background with the CIELCh color 86, 19.540, 7.091.

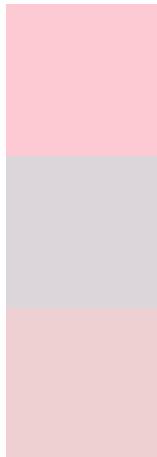


This preview shows how white text looks on a background with the CIELCh color 86, 19.540, 7.091.

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, 19.540, 7.091

Protanopia

86, 2.566, 324.435

Deuteranopia

86, 11.159, 14.846



Tritanopia
86, 21.208, 357.981

Trichromacy



Original Color
86, 19.540, 7.091

Protanomaly
86, 8.296, 357.763

Deuteranomaly
86, 14.271, 12.086

Tritanomaly
86, 20.885, 0.661

Monochromacy



Original Color
86, 19.540, 7.091

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 6.760, 6.447

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 19.540, 7.091 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, 202, 211)` looks like.

```
.text, #text, p{  
    color:rgb(253, 202, 211)  
}
```

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, 202, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 202, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 19.540, 7.091 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, 202, 211) }
```

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

```
.border{ border-color:rgb(253, 202, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 202, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 202, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 202, 211);  
box-shadow:4px 4px 4px 4px rgb(253, 202,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 19.540, 7.091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 202, 211) }
```

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

```
.background{ background-color: rgb(253,  
202, 211) }
```

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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