

Converting Colors

CIELCh(86, 21.926, 73.721)

Have a look what the booklet for
CIELCh(86, 21.926, 73.721) contains.

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Color

CIELCh(86, 21.878, 73.576)

Conversions

Conversions Part 1

Format	Color
Hex	F2D2B0
RGB	242, 210, 176
RGB Percent	95%, 82%, 69%
CMY	0.0517, 0.1771, 0.3104
CMYK	0.00, 0.13, 0.27, 0.05
HSL	31°, 71%, 82%
HSV	31°, 27%, 95%
XYZ	67.3858, 67.9871, 50.5626
YIQ	215.6920, 29.9860, -3.7900

Conversions

Conversions Part 2

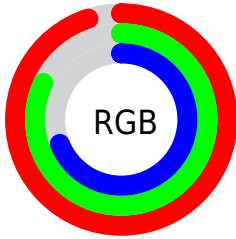
Format	Color
RYB	238, 242, 176
Decimal	15913648
CIELab	86.00, 6.19, 20.99
CIELCh	86, 21.878, 73.576
Yxy	67.9871, 0.3624, 0.3656
Android (android.graphics.Color)	4294103728 (0xFFFF2D2B0)
YUV	215.6920, -19.5682, 23.0721
Hunter-Lab	82.4543, 1.5842, 21.3602

Details

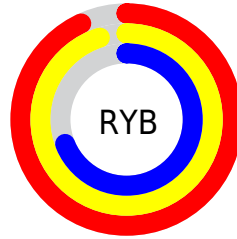
The CIELCh color **86, 21.878, 73.576** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **82, 20.439, 261.307**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 11.641, 109.297**, and **66, 22.088, 74.567** is the 20% darker color. If you saturate the color by 10%, you get **83, 30.577, 72.287**, and if you desaturate by 10%, it is **89, 13.551, 74.858**.

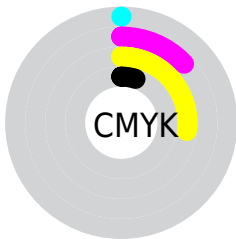
Distribution



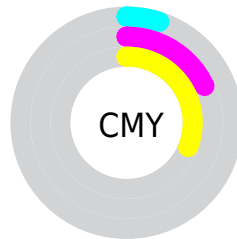
- Red (95%)
- Green (82%)
- Blue (69%)



- Red (93%)
- Yellow (95%)
- Blue (69%)



- Cyan (0%)
- Magenta (13%)
- Yellow (27%)
- Black (5%)



- Cyan (5%)
- Magenta (18%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 21.878, 73.576 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, 21.878, 73.576 by changing the saturation by 10% instead.

 86, 21.878, 73.576

 86, 21.878, 73.576

 100, 21.878,
73.576

 76, 21.878, 73.576

 66, 21.878, 73.576

 56, 21.878, 73.576

 46, 21.878, 73.576

 36, 21.878, 73.576

 26, 21.878, 73.576

 16, 21.878, 73.576

 6, 21.878, 73.576

 0, 21.878, 73.576

86, 21.878, 73.576

86, 21.878, 73.576

83, 30.577, 72.287

89, 13.551, 74.858

79, 39.625, 70.971

93, 5.584, 76.078

76, 48.937, 69.624

96, 2.048, 257.586

73, 58.302, 68.205

99, 4.541, 199.263

70, 67.270, 66.614

68, 75.009, 64.636

65, 80.409, 61.943

64, 81.655, 61.174

Harmonies

Complementary

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



86, 21.878, 73.576



82, 20.439, 261.307

Rectangle

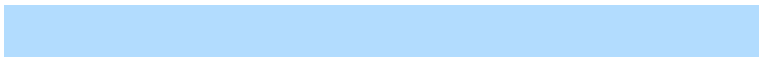
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 21.878, 73.576



86, 21.878, 123.576



86, 21.878, 253.576



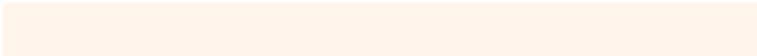
86, 21.878, 303.576

Sweetspot

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



86, 21.878, 73.584



97, 6.411, 75.993



79, 29.819, 346.168



51, 4.572, 75.814



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, 21.878, 73.584



88, 27.986, 72.833



94, 33.506, 107.521



48, 4.345, 75.821



50, 66.199, 61.880



14, 23.425, 62.819

Inverse Universe

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



82, 20.439, 261.307



83, 25.722, 262.491



74, 35.787, 293.490



48, 4.259, 258.363



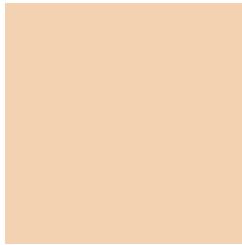
39, 58.142, 285.510



10, 21.960, 277.937

Previews

White Background



This preview shows how the CIELCh color 86, 21.878, 73.576 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, 21.878, 73.576 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

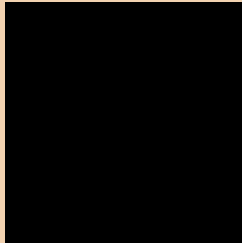
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 21.878, 73.576

Background



This preview shows how black text looks on a background with the CIELCh color 86, 21.878, 73.576.



This preview shows how white text looks on a background with the CIELCh color 86, 21.878, 73.576.

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, 21.878, 73.576

Protanopia

86, 19.844, 94.968

Deuteranopia

86, 23.370, 63.646



Tritanopia
86, 17.801, 352.842

Trichromacy



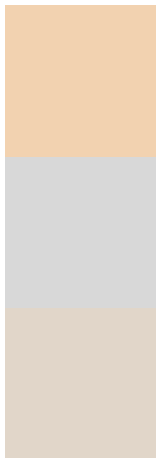
Original Color
86, 21.878, 73.576

Protanomaly
86, 20.225, 87.086

Deuteranomaly
86, 22.609, 67.294

Tritanomaly
86, 14.703, 24.515

Monochromacy



Original Color
86, 21.878, 73.576

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 7.919, 78.406

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 21.878, 73.576 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(242, 210, 176)` looks like.

```
.text, #text, p{  
    color:rgb(242, 210, 176)  
}
```

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(242, 210, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 210, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 21.878, 73.576 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(242, 210, 176) }
```

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

```
.border{ border-color:rgb(242, 210, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 210, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 210, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 210, 176);  
box-shadow:4px 4px 4px 4px rgb(242, 210,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 21.878, 73.576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 210, 176) }
```

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

```
.background{ background-color: rgb(242,  
210, 176) }
```

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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