

Converting Colors

CIELCh(93, 63.625, 56.243)

Have a look what the booklet for
CIELCh(93, 63.625, 56.243) contains.

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Color

CIELCh(86, 43.075, 78.540)

Conversions

Conversions Part 1

Format	Color
Hex	FFCF87
RGB	255, 207, 135
RGB Percent	100%, 81%, 53%
CMY	0.0000, 0.1874, 0.4700
CMYK	0.00, 0.19, 0.47, 0.00
HSL	36°, 100%, 76%
HSV	36°, 47%, 100%
XYZ	68.4673, 67.9871, 32.4890
YIQ	213.1440, 51.7200, -12.2160

Conversions

Conversions Part 2

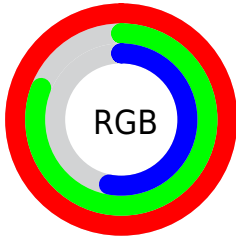
Format	Color
R_{YB}	215, 255, 135
Decimal	16764807
CIE _{Lab}	86.00, 8.56, 42.22
CIE _{LCh}	86, 43.075, 78.540
Yxy	67.9871, 0.4053, 0.4024
Android (android.graphics.Color)	4294954887 (0xFFFFCF87)
YUV	213.1440, -38.5250, 36.7077
Hunter-Lab	82.4543, 3.9254, 34.3563

Details

The CIELCh color **86, 43.075, 78.540** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **74, 40.632, 274.321**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 33.205, 107.650**, and **66, 42.717, 79.137** is the 20% darker color. If you saturate the color by 10%, you get **83, 52.405, 77.701**, and if you desaturate by 10%, it is **89, 33.254, 80.595**.

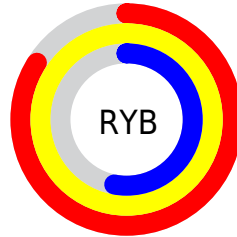
Distribution



Red (100%)

Green (81%)

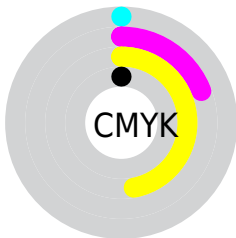
Blue (53%)



Red (84%)

Yellow (100%)

Blue (53%)

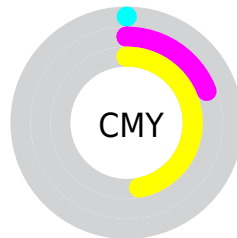


Cyan (0%)

Magenta (19%)

Yellow (47%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 43.075, 78.540 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, 43.075, 78.540 by changing the saturation by 10% instead.

 86, 43.075, 78.540

 86, 43.075, 78.540

 100, 43.075,
78.540

 76, 43.075, 78.540

 66, 43.075, 78.540

 56, 43.075, 78.540

 46, 43.075, 78.540

 36, 43.075, 78.540

 26, 43.075, 78.540

 16, 43.075, 78.540

 6, 43.075, 78.540

 0, 43.075, 78.540

86, 43.075, 78.540

86, 43.075, 78.540

83, 52.405, 77.701

89, 33.254, 80.595

80, 61.806, 76.140

92, 23.913, 81.976

78, 70.471, 74.405

95, 14.826, 83.315

75, 77.518, 72.329

98, 6.008, 84.590

73, 81.906, 69.651

100, 0.012,
296.813

72, 82.896, 68.784

Harmonies

Complementary

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



86, 43.075, 78.540



74, 40.632, 274.321

Rectangle

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



86, 43.075, 78.540



86, 43.075, 128.540



86, 43.075, 258.540



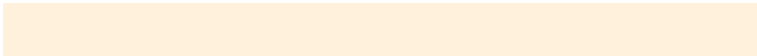
86, 43.075, 308.540

Sweetspot

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



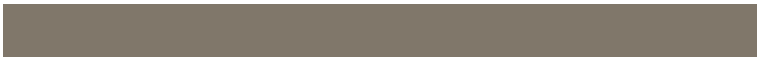
86, 42.796, 79.174



96, 12.151, 83.707



71, 50.856, 355.104



50, 8.417, 83.426



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, 42.796, 79.174



83, 51.446, 77.852



97, 59.201, 110.306



52, 4.899, 84.281



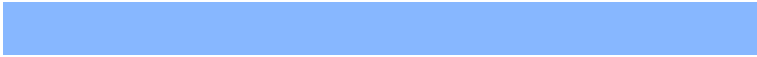
55, 66.693, 69.424



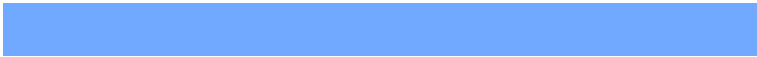
18, 27.391, 71.993

Inverse Universe

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



74, 40.632, 274.321



69, 48.569, 276.882



62, 67.145, 299.633



50, 4.860, 266.862



36, 70.732, 292.608



10, 28.414, 286.901

Previews

White Background



This preview shows how the CIELCh color 86, 43.075, 78.540 looks on a white background.

Color Contrast Check

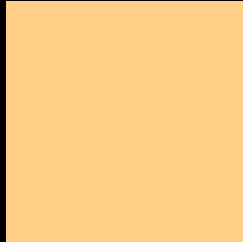
Large Text (above 18pt) WCAG AA × Fail

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, 43.075, 78.540 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, 43.075, 78.540

Background



This preview shows how black text looks on a background with the CIELCh color 86, 43.075, 78.540.



This preview shows how white text looks on a background with the CIELCh color 86, 43.075, 78.540.

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, 42.819, 79.049

Protanopia

86, 40.528, 95.656

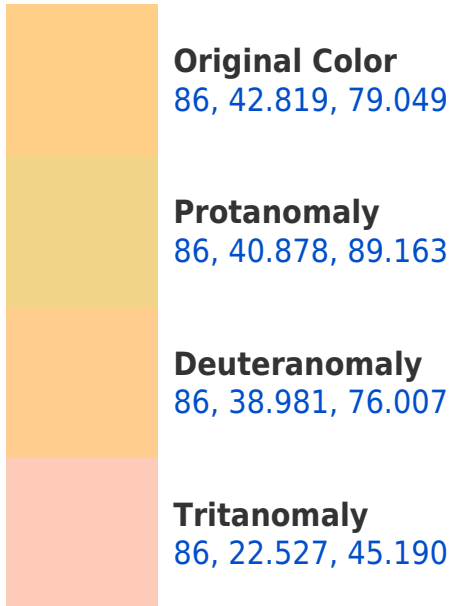
Deuteranopia

86, 37.182, 74.667

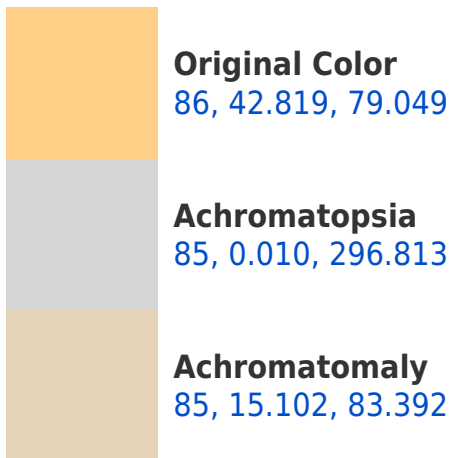


Tritanopia
86, 20.972, 3.772

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 43.075, 78.540 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(255, 207, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 135)  
}
```

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(255, 207, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 43.075, 78.540 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(255, 207, 135) }
```

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

```
.border{ border-color:rgb(255, 207, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 207, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 43.075, 78.540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 135) }
```

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

```
.background{ background-color: rgb(255,  
207, 135) }
```

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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