

Converting Colors

CIELCh(86, 43.925, 79.027)

Have a look what the booklet for
CIELCh(86, 43.925, 79.027) contains.

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Color

CIELCh(86, 43.736, 79.528)

Conversions

Conversions Part 1

Format	Color
Hex	FFD086
RGB	255, 208, 134
RGB Percent	100%, 82%, 53%
CMY	0.0000, 0.1860, 0.4763
CMYK	0.00, 0.19, 0.48, 0.00
HSL	37°, 100%, 76%
HSV	37°, 48%, 100%
XYZ	68.1886, 67.9871, 31.9153
YIQ	213.6170, 51.7660, -13.0500

Conversions

Conversions Part 2

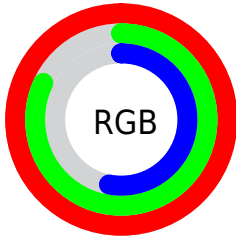
Format	Color
R _Y B	211, 255, 134
Decimal	16765062
CIE Lab	86.00, 7.95, 43.01
CIE LCh	86, 43.736, 79.528
Yxy	67.9871, 0.4057, 0.4045
Android (android.graphics.Color)	4294955142 (0xFFFFD086)
YUV	213.6170, -39.2512, 36.2929
Hunter-Lab	82.4543, 3.3220, 34.7688

Details

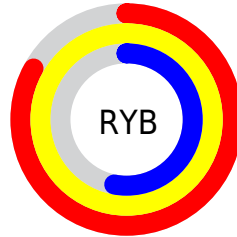
The CIELCh color **86, 43.736, 79.528** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **73, 41.647, 275.208**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 33.700, 107.612**, and **66, 43.384, 80.143** is the 20% darker color. If you saturate the color by 10%, you get **83, 53.212, 78.348**, and if you desaturate by 10%, it is **89, 34.039, 81.254**.

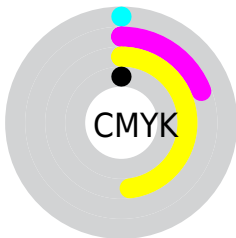
Distribution



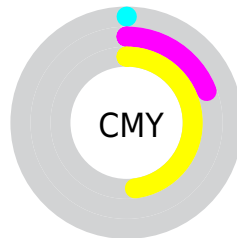
- Red (100%)
- Green (82%)
- Blue (53%)



- Red (83%)
- Yellow (100%)
- Blue (53%)



- Cyan (0%)
- Magenta (19%)
- Yellow (48%)
- Black (0%)



- Cyan (0%)
- Magenta (19%)
- Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 43.736, 79.528 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, 43.736, 79.528 by changing the saturation by 10% instead.

 86, 43.736, 79.528

 86, 43.736, 79.528

 100, 43.736,
79.528

 76, 43.736, 79.528

 66, 43.736, 79.528

 56, 43.736, 79.528

 46, 43.736, 79.528

 36, 43.736, 79.528

 26, 43.736, 79.528

 16, 43.736, 79.528

 6, 43.736, 79.528

 0, 43.736, 79.528

86, 43.736, 79.528

86, 43.736, 79.528

83, 53.212, 78.348

89, 34.039, 81.254

81, 62.557, 76.776

92, 24.648, 82.638

78, 71.089, 75.026

95, 15.497, 83.981

76, 77.906, 72.928

98, 6.604, 85.262

73, 82.023, 70.237

100, 0.012,
296.813

73, 82.784, 69.560

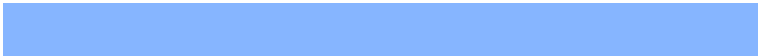
Harmonies

Complementary

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



86, 43.736, 79.528



73, 41.647, 275.208

Rectangle

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



86, 43.736, 79.528



86, 43.736, 129.528



86, 43.736, 259.528



86, 43.736, 309.528

Sweetspot

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



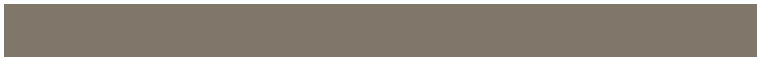
86, 43.608, 79.828



96, 12.239, 84.456



71, 51.513, 355.214



50, 8.477, 84.174



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, 43.608, 79.828



83, 52.610, 78.443



97, 59.932, 110.260



52, 4.936, 85.030



56, 66.616, 70.191



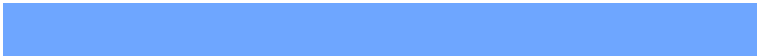
18, 27.461, 72.810

Inverse Universe

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



73, 41.647, 275.208



68, 50.051, 277.894



62, 68.125, 299.733



50, 4.901, 267.605



36, 71.774, 293.175



9, 28.819, 287.539

Previews

White Background



This preview shows how the CIELCh color 86, 43.736, 79.528 looks on a white background.

Color Contrast Check

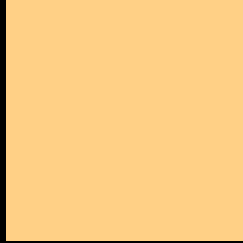
Large Text (above 18pt) WCAG AA × Fail

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, 43.736, 79.528 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, 43.736, 79.528

Background



This preview shows how black text looks on a background with the CIELCh color 86, 43.736, 79.528.



This preview shows how white text looks on a background with the CIELCh color 86, 43.736, 79.528.

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, 43.488, 80.036

Protanopia

86, 41.511, 95.810

Deuteranopia

86, 37.355, 75.562



Tritanopia
86, 20.972, 3.772

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 43.736, 79.528 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, 208, 134)` looks like.

```
.text, #text, p{  
    color:rgb(255, 208, 134)  
}
```

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, 208, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 208, 134) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 43.736, 79.528 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, 208, 134) }
```

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

```
.border{ border-color:rgb(255, 208, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 208, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 208, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 208, 134);  
box-shadow:4px 4px 4px 4px rgb(255, 208,  
134) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 43.736, 79.528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 208, 134) }
```

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

```
.background{ background-color: rgb(255,  
208, 134) }
```

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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