

Converting Colors

CIELCh(86, 38.061, 74.678)

Have a look what the booklet for
CIELCh(86, 38.061, 74.678) contains.

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Color

CIELCh(86, 37.630, 75.016)

Conversions

Conversions Part 1

Format	Color
Hex	FFCF93
RGB	255, 207, 147
RGB Percent	100%, 81%, 58%
CMY	0.0000, 0.1893, 0.4248
CMYK	0.00, 0.19, 0.42, 0.00
HSL	33°, 100%, 79%
HSV	33°, 42%, 100%
XYZ	69.0053, 67.9871, 36.9573
YIQ	214.5120, 47.8680, -8.4840

Conversions

Conversions Part 2

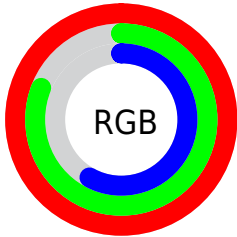
Format	Color
R _Y B	233, 255, 147
Decimal	16764819
CIE Lab	86.00, 9.73, 36.35
CIE LCh	86, 37.630, 75.016
Yxy	67.9871, 0.3967, 0.3908
Android (android.graphics.Color)	4294954899 (0xFFFFCF93)
YUV	214.5120, -33.2834, 35.5080
Hunter-Lab	82.4543, 5.0901, 31.1433

Details

The CIELCh color $86, 37.630, 75.016$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $78, 34.526, 268.748$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 26.735, 108.148$, and $66, 37.535, 76.146$ is the 20% darker color. If you saturate the color by 10%, you get $83, 47.033, 74.014$, and if you desaturate by 10%, it is $89, 28.111, 76.790$.

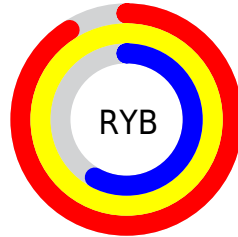
Distribution



Red (100%)

Green (81%)

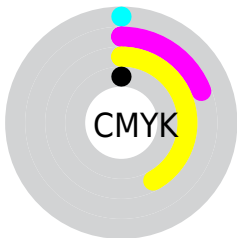
Blue (58%)



Red (91%)

Yellow (100%)

Blue (58%)

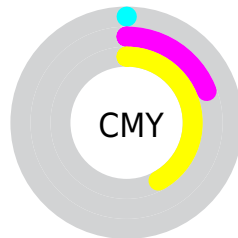


Cyan (0%)

Magenta (19%)

Yellow (42%)

Black (0%)



Cyan (0%)

Magenta (19%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 37.630, 75.016 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, 37.630, 75.016 by changing the saturation by 10% instead.

86, 37.630, 75.016

86, 37.630, 75.016

100, 37.630,
75.016

76, 37.630, 75.016

66, 37.630, 75.016

56, 37.630, 75.016

46, 37.630, 75.016

36, 37.630, 75.016

26, 37.630, 75.016

16, 37.630, 75.016

6, 37.630, 75.016

0, 37.630, 75.016

86, 37.630, 75.016

86, 37.630, 75.016

83, 47.033, 74.014

89, 28.111, 76.790

80, 56.689, 72.547

92, 19.086, 78.129

77, 66.054, 70.955

96, 10.392, 79.428

74, 74.435, 69.092

99, 2.019, 80.553

72, 80.756, 66.695

100, 0.012,
296.813

70, 83.860, 64.462

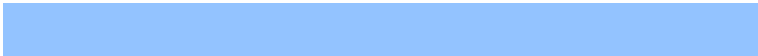
Harmonies

Complementary

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



86, 37.630, 75.016



78, 34.526, 268.748

Rectangle

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



86, 37.630, 75.016



86, 37.630, 125.016



86, 37.630, 255.016



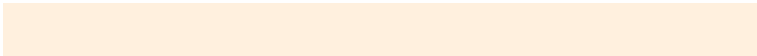
86, 37.630, 305.016

Sweetspot

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



86, 37.449, 75.420



96, 10.838, 79.362



74, 47.147, 351.095



50, 7.616, 79.079



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, 37.449, 75.420



83, 45.606, 74.224



98, 53.716, 108.368



51, 4.707, 79.801



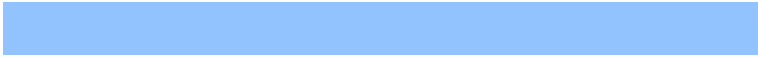
53, 67.389, 65.147



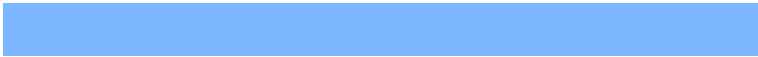
17, 27.105, 67.283

Inverse Universe

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



78, 34.526, 268.748



73, 41.388, 271.051



65, 60.118, 297.496



50, 4.640, 262.389



38, 64.849, 289.055



11, 26.165, 282.947

Previews

White Background



This preview shows how the CIELCh color 86, 37.630, 75.016 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, 37.630, 75.016 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, 37.630, 75.016

Background



This preview shows how black text looks on a background with the CIELCh color 86, 37.630, 75.016.



This preview shows how white text looks on a background with the CIELCh color 86, 37.630, 75.016.

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, 37.355, 75.562

Protanopia

86, 34.405, 95.754

Deuteranopia

86, 34.962, 72.768



Tritanopia
86, 21.098, 2.404

Trichromacy



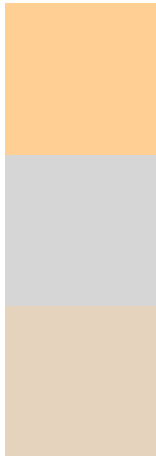
Original Color
86, 37.355, 75.562

Protanomaly
86, 34.772, 88.212

Deuteranomaly
86, 35.845, 73.560

Tritanomaly
86, 21.349, 39.180

Monochromacy



Original Color
86, 37.355, 75.562

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 12.963, 77.279

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 37.630, 75.016 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, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 147)  
}
```

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, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 37.630, 75.016 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, 147) }
```

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

```
.border{ border-color:rgb(255, 207, 147) }
```

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, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 207, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 207, 147); box-shadow:4px 4px 4px 4px rgb(255, 207, 147) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 37.630, 75.016 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, 147) }
```

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

```
.background{ background-color: rgb(255,  
207, 147) }
```

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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