

Converting Colors

CIELCh(90, 42.546, 45.938)

Have a look what the booklet for
CIELCh(90, 42.546, 45.938) contains.

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Color

CIELCh(86, 27.338, 60.527)

Conversions

Conversions Part 1

Format	Color
Hex	FFCDAB
RGB	255, 205, 171
RGB Percent	100%, 80%, 67%
CMY	0.0000, 0.1965, 0.3299
CMYK	0.00, 0.20, 0.33, 0.00
HSL	24°, 100%, 84%
HSV	24°, 33%, 100%
XYZ	70.7339, 67.9871, 47.8555
YIQ	216.0740, 40.7140, 0.0260

Conversions

Conversions Part 2

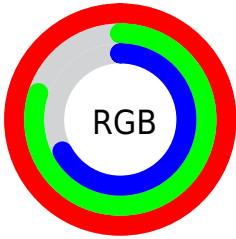
Format	Color
RYB	255, 228, 171
Decimal	16764331
CIELab	86.00, 13.45, 23.80
CIELCh	86, 27.338, 60.527
Yxy	67.9871, 0.3791, 0.3644
Android (android.graphics.Color)	4294954411 (0xFFFFCDAB)
YUV	216.0740, -22.2215, 34.1381
Hunter-Lab	82.4543, 8.8322, 23.3068

Details

The CIELCh color **86, 27.338, 60.527** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **86, 23.263, 249.264**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 14.673, 109.069**, and **66, 26.849, 61.091** is the 20% darker color. If you saturate the color by 10%, you get **82, 36.403, 60.100**, and if you desaturate by 10%, it is **90, 18.244, 62.040**.

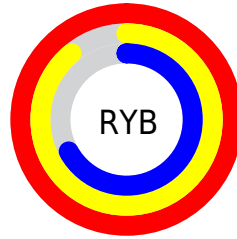
Distribution



Red (100%)

Green (80%)

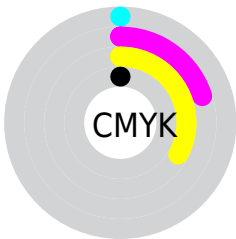
Blue (67%)



Red (100%)

Yellow (89%)

Blue (67%)

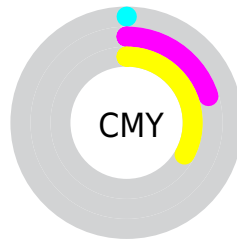


Cyan (0%)

Magenta (20%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 27.338, 60.527 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, 27.338, 60.527 by changing the saturation by 10% instead.

 86, 27.338, 60.527

 86, 27.338, 60.527

 100, 27.338,
60.527

 76, 27.338, 60.527

 66, 27.338, 60.527

 56, 27.338, 60.527

 46, 27.338, 60.527

 36, 27.338, 60.527

 26, 27.338, 60.527

 16, 27.338, 60.527

 6, 27.338, 60.527

 0, 27.338, 60.527

86, 27.338, 60.527

86, 27.338, 60.527

82, 36.403, 60.100

90, 18.244, 62.040

78, 46.310, 59.185

94, 9.986, 63.040

74, 56.658, 58.288

99, 2.226, 63.893

71, 67.162, 57.339

100, 0.012,
296.813

67, 77.177, 56.156

64, 85.491, 54.362

62, 89.857, 52.660

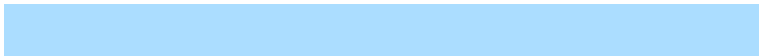
Harmonies

Complementary

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



86, 27.338, 60.527



86, 23.263, 249.264

Rectangle

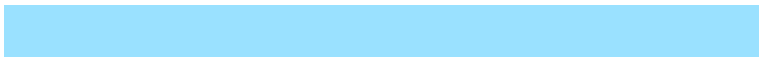
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 27.338, 60.527



86, 27.338, 110.527



86, 27.338, 240.527



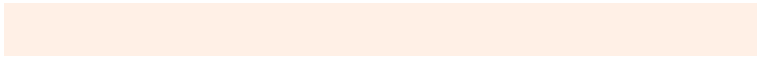
86, 27.338, 290.527

Sweetspot

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



86, 27.041, 61.053



96, 7.614, 63.333



79, 40.110, 341.420



50, 5.217, 63.196



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, 27.041, 61.053



83, 33.541, 60.381



96, 38.358, 102.257



51, 4.322, 63.381



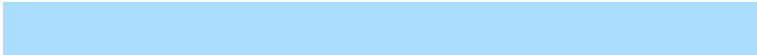
48, 71.969, 53.342



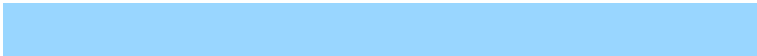
14, 27.427, 52.614

Inverse Universe

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



86, 23.263, 249.264



83, 27.805, 250.752



75, 40.915, 290.318



51, 4.164, 245.596



47, 47.985, 273.097



14, 20.050, 265.925

Previews

White Background



This preview shows how the CIELCh color 86, 27.338, 60.527 looks on a white background.

Color Contrast Check

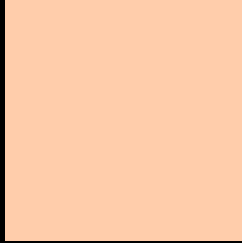
Large Text (above 18pt) WCAG AA × Fail

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, 27.338, 60.527 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, 27.338, 60.527

Background



This preview shows how black text looks on a background with the CIELCh color 86, 27.338, 60.527.



This preview shows how white text looks on a background with the CIELCh color 86, 27.338, 60.527.

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, 26.995, 61.086

Protanopia

86, 21.456, 94.735

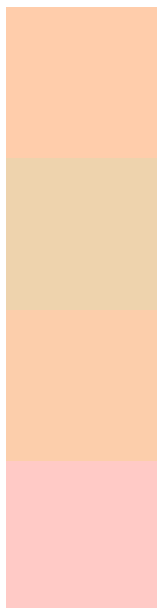
Deuteranopia

86, 25.934, 66.125



Tritanopia
86, 21.098, 2.404

Trichromacy



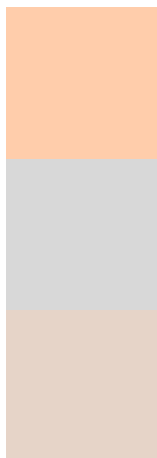
Original Color
86, 26.995, 61.086

Protanomaly
86, 22.597, 80.406

Deuteranomaly
86, 26.141, 64.156

Tritanomaly
86, 20.365, 26.745

Monochromacy



Original Color
86, 26.995, 61.086

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 9.209, 62.515

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 27.338, 60.527 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, 205, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 171)  
}
```

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, 205, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 27.338, 60.527 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, 205, 171) }
```

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

```
.border{ border-color:rgb(255, 205, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 27.338, 60.527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 171) }
```

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

```
.background{ background-color: rgb(255,  
205, 171) }
```

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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