

Converting Colors

CIELCh(86, 24.852, 56.082)

Have a look what the booklet for
CIELCh(86, 24.852, 56.082) contains.

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Color

CIELCh(86, 24.825, 56.237)

Conversions

Conversions Part 1

Format	Color
Hex	FFCDB1
RGB	255, 205, 177
RGB Percent	100%, 80%, 69%
CMY	0.0006, 0.1967, 0.3065
CMYK	0.00, 0.20, 0.31, 0.00
HSL	22°, 100%, 85%
HSV	22°, 31%, 100%
XYZ	70.8961, 67.9871, 50.9034
YIQ	216.7580, 38.7880, 1.8920

Conversions

Conversions Part 2

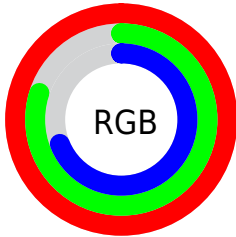
Format	Color
R_{YB}	255, 221, 177
Decimal	16764337
CIE _{Lab}	86.00, 13.80, 20.64
CIE _{LCh}	86, 24.825, 56.237
Yxy	67.9871, 0.3736, 0.3582
Android (android.graphics.Color)	4294954417 (0xFFFFCDB1)
YUV	216.7580, -19.6007, 33.5382
Hunter-Lab	82.4543, 9.1833, 21.1152

Details

The CIELCh color **86, 24.825, 56.237** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **88, 21.123, 242.783**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 11.136, 109.335**, and **66, 24.898, 56.967** is the 20% darker color. If you saturate the color by 10%, you get **82, 34.146, 55.501**, and if you desaturate by 10%, it is **90, 16.126, 57.046**.

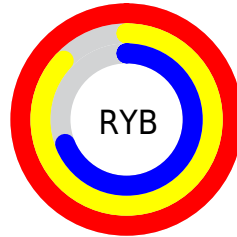
Distribution



Red (100%)

Green (80%)

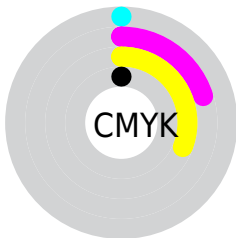
Blue (69%)



Red (100%)

Yellow (87%)

Blue (69%)

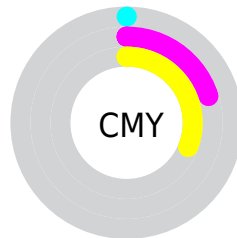


Cyan (0%)

Magenta (20%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 24.825, 56.237 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, 24.825, 56.237 by changing the saturation by 10% instead.

 86, 24.825, 56.237

 86, 24.825, 56.237

 100, 24.825,
56.237

 76, 24.825, 56.237

 66, 24.825, 56.237

 56, 24.825, 56.237

 46, 24.825, 56.237

 36, 24.825, 56.237

 26, 24.825, 56.237

 16, 24.825, 56.237

 6, 24.825, 56.237

 0, 24.825, 56.237

86, 24.825, 56.237

86, 24.825, 56.237

82, 34.146, 55.501

90, 16.126, 57.046

77, 44.094, 54.828

95, 8.013, 57.871

73, 54.601, 54.220

100, 0.434, 57.530

70, 65.453, 53.627

100, 0.056,
211.278

66, 76.130, 52.901

63, 85.542, 51.699

61, 92.140, 49.848

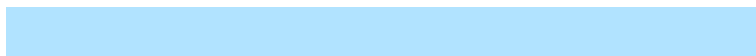
Harmonies

Complementary

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



86, 24.825, 56.237



88, 21.123, 242.783

Rectangle

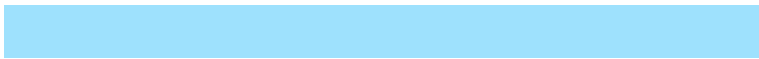
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 24.825, 56.237



86, 24.825, 106.237



86, 24.825, 236.237



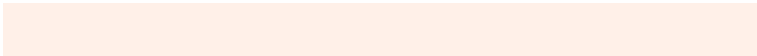
86, 24.825, 286.237

Sweetspot

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



86, 24.824, 56.245



96, 6.768, 57.999



81, 38.449, 338.773



50, 4.727, 57.883



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, 24.824, 56.245



83, 30.731, 55.761



95, 33.936, 99.798



51, 4.283, 57.959



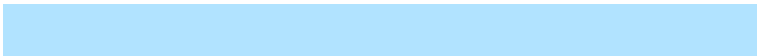
46, 73.792, 50.489



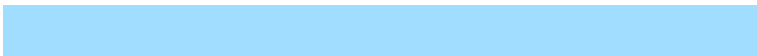
14, 27.849, 48.582

Inverse Universe

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



88, 21.123, 242.783



85, 25.141, 243.962



78, 35.620, 287.498



51, 4.099, 239.912



49, 43.847, 266.428



15, 18.647, 259.157

Previews

White Background



This preview shows how the CIELCh color 86, 24.825, 56.237 looks on a white background.

Color Contrast Check

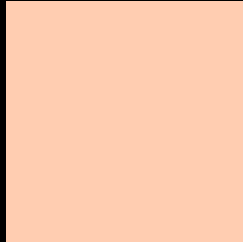
Large Text (above 18pt) WCAG AA × Fail

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, 24.825, 56.237 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

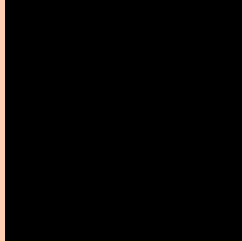
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 24.825, 56.237

Background



This preview shows how black text looks on a background with the CIELCh color 86, 24.825, 56.237.

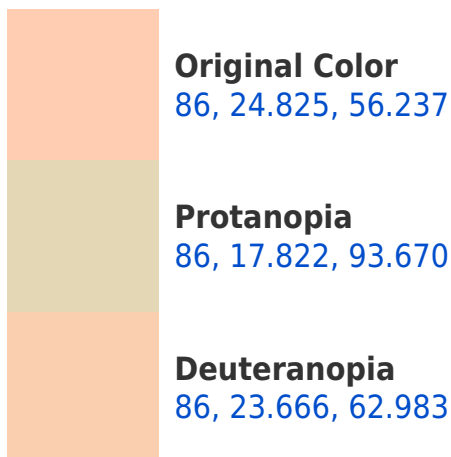


This preview shows how white text looks on a background with the CIELCh color 86, 24.825, 56.237.

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





Tritanopia
86, 21.238, 1.054

Trichromacy



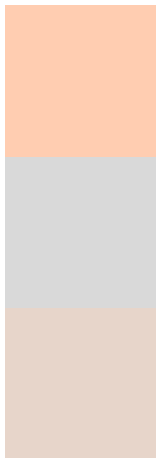
Original Color
86, 24.825, 56.237

Protanomaly
86, 19.166, 76.905

Deuteranomaly
86, 24.228, 60.249

Tritanomaly
86, 20.136, 22.397

Monochromacy



Original Color
86, 24.825, 56.237

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 8.842, 60.123

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 24.825, 56.237 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, 177)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 177)  
}
```

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, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 24.825, 56.237 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, 177) }
```

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

```
.border{ border-color:rgb(255, 205, 177) }
```

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, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 177);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 24.825, 56.237 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, 177) }
```

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

```
.background{ background-color: rgb(255,  
205, 177) }
```

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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