

Converting Colors

CIELCh(87, 26.749, 53.029)

Have a look what the booklet for
CIELCh(87, 26.749, 53.029) contains.

CIELCh(86, 24.468, 56.786)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(86, 24.468, 56.786)

Conversions

Conversions Part 1

Format	Color
Hex	FECDB1
RGB	254, 205, 177
RGB Percent	100%, 80%, 69%
CMY	0.0036, 0.1956, 0.3053
CMYK	0.00, 0.19, 0.30, 0.00
HSL	22°, 98%, 85%
HSV	22°, 30%, 100%
XYZ	70.7114, 67.9871, 51.0683
YIQ	216.4590, 38.1920, 1.6800

Conversions

Conversions Part 2

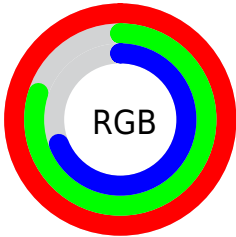
Format	Color
RYB	254, 221, 177
Decimal	16698801
CIELab	86.00, 13.40, 20.47
CIELCh	86, 24.468, 56.786
Yxy	67.9871, 0.3726, 0.3583
Android (android.graphics.Color)	4294888881 (0xFFFEADB1)
YUV	216.4590, -19.4533, 32.9235
Hunter-Lab	82.4543, 8.7836, 20.9966

Details

The CIELCh color **86, 24.468, 56.786** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **87, 20.908, 243.361**, 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, 24.547, 57.550** is the 20% darker color. If you saturate the color by 10%, you get **82, 33.733, 56.023**, and if you desaturate by 10%, it is **90, 15.816, 57.618**.

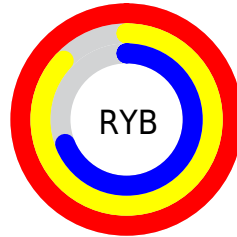
Distribution



Red (100%)

Green (80%)

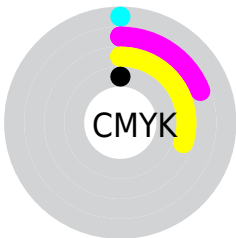
Blue (69%)



Red (100%)

Yellow (87%)

Blue (69%)

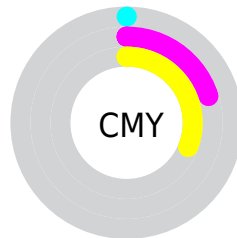


Cyan (0%)

Magenta (19%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (20%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 24.468, 56.786 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, 24.468, 56.786 by changing the saturation by 10% instead.

 86, 24.468, 56.786

 86, 24.468, 56.786

 100, 24.468,
56.786

 76, 24.468, 56.786

 66, 24.468, 56.786

 56, 24.468, 56.786

 46, 24.468, 56.786

 36, 24.468, 56.786

 26, 24.468, 56.786

 16, 24.468, 56.786

 6, 24.468, 56.786

 0, 24.468, 56.786

86, 24.468, 56.786

86, 24.468, 56.786

82, 33.733, 56.023

90, 15.816, 57.618

78, 43.617, 55.320

95, 7.743, 58.461

74, 54.056, 54.678

100, 0.195, 56.571

70, 64.840, 54.050

100, 0.322,
201.445

66, 75.465, 53.292

63, 84.869, 52.069

61, 91.681, 50.127

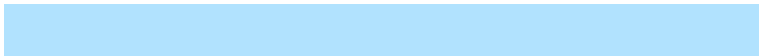
Harmonies

Complementary

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



86, 24.468, 56.786



87, 20.908, 243.361

Rectangle

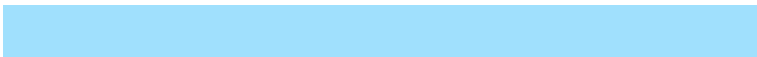
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86, 24.468, 56.786



86, 24.468, 106.786



86, 24.468, 236.786



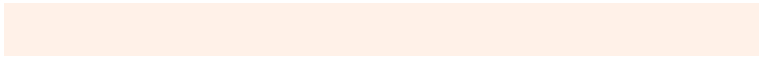
86, 24.468, 286.786

Sweetspot

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



86, 24.467, 56.794



96, 6.772, 58.565



81, 37.949, 338.743



51, 4.729, 58.446



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, 24.467, 56.794



84, 29.783, 56.344



95, 33.494, 99.836



51, 4.285, 58.524



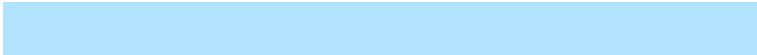
46, 73.600, 50.767



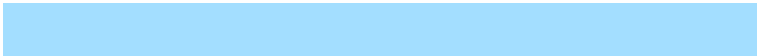
14, 27.799, 48.986

Inverse Universe

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



87, 20.908, 243.361



86, 24.587, 244.413



78, 35.134, 287.441



51, 4.103, 240.507



49, 44.247, 267.164



15, 18.780, 259.894

Previews

White Background



This preview shows how the CIELCh color 86, 24.468, 56.786 looks on a white background.

Color Contrast Check

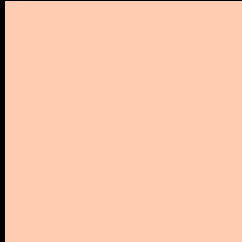
Large Text (above 18pt) WCAG AA × Fail

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, 24.468, 56.786 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, 24.468, 56.786

Background



This preview shows how black text looks on a background with the CIELCh color 86, 24.468, 56.786.

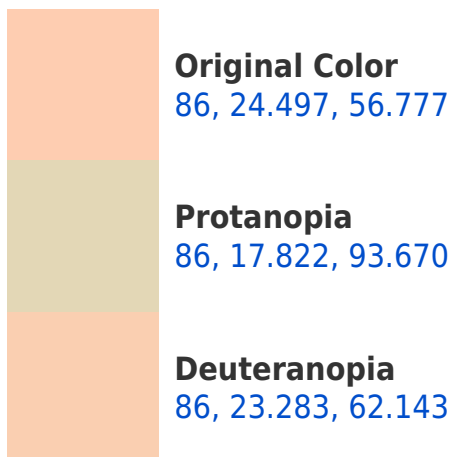


This preview shows how white text looks on a background with the CIELCh color 86, 24.468, 56.786.

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



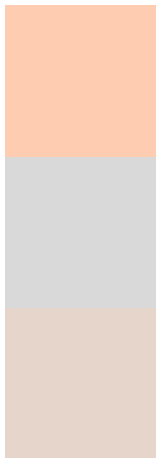
Original Color
86, 24.497, 56.777

Protanomaly
86, 19.166, 76.905

Deuteranomaly
86, 23.548, 59.997

Tritanomaly
86, 19.787, 23.879

Monochromacy



Original Color
86, 24.497, 56.777

Achromatopsia
87, 0.010, 296.813

Achromatomaly
86, 8.205, 59.133

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 24.468, 56.786 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(254, 205, 177)` looks like.

```
.text, #text, p{  
    color:rgb(254, 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(254, 205, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 205, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 24.468, 56.786 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(254, 205, 177) }
```

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

```
.border{ border-color:rgb(254, 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(254, 205, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 205, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 205, 177);  
box-shadow:4px 4px 4px 4px rgb(254, 205,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 24.468, 56.786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 205, 177) }
```

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

```
.background{ background-color: rgb(254,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor