

Converting Colors

CIELCh(85, 26.655, 57.665)

Have a look what the booklet for
CIELCh(85, 26.655, 57.665) contains.

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Color

CIELCh(85, 26.623, 57.675)

Conversions

Conversions Part 1

Format	Color
Hex	FECAAB
RGB	254, 202, 171
RGB Percent	100%, 79%, 67%
CMY	0.0054, 0.2092, 0.3307
CMYK	0.00, 0.20, 0.33, 0.01
HSL	22°, 97%, 83%
HSV	22°, 33%, 99%
XYZ	69.0958, 66.0070, 47.4589
YIQ	214.0140, 40.9430, 1.3830

Conversions

Conversions Part 2

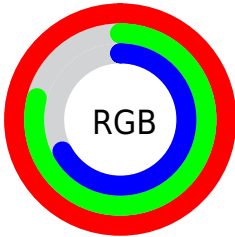
Format	Color
RYB	254, 220, 171
Decimal	16698027
CIELab	85.00, 14.24, 22.50
CIELCh	85, 26.623, 57.675
Yxy	66.0070, 0.3785, 0.3616
Android (android.graphics.Color)	4294888107 (0xFFFECAAB)
YUV	214.0140, -21.2059, 35.0677
Hunter-Lab	81.2447, 9.6297, 22.2372

Details

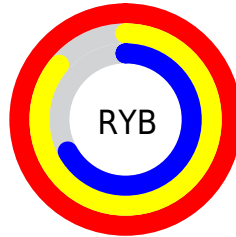
The CIELCh color $85, 26.623, 57.675$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $86, 22.542, 245.118$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 14.673, 109.069$, and $65, 26.482, 57.519$ is the 20% darker color. If you saturate the color by 10%, you get $81, 35.999, 56.876$, and if you desaturate by 10%, it is $89, 17.852, 58.540$.

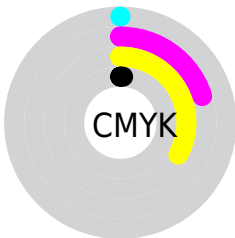
Distribution



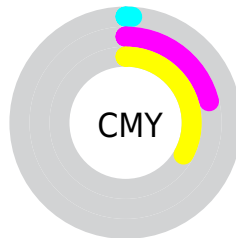
- Red (100%)
- Green (79%)
- Blue (67%)



- Red (100%)
- Yellow (86%)
- Blue (67%)



- Cyan (0%)
- Magenta (20%)
- Yellow (33%)
- Black (1%)



- Cyan (1%)
- Magenta (21%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 26.623, 57.675 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 85, 26.623, 57.675 by changing the saturation by 10% instead.

 85, 26.623, 57.675

 85, 26.623, 57.675

 100, 26.623,
57.675

 75, 26.623, 57.675

 65, 26.623, 57.675

 55, 26.623, 57.675

 45, 26.623, 57.675

 35, 26.623, 57.675

 25, 26.623, 57.675

 15, 26.623, 57.675

 5, 26.623, 57.675

 0, 26.623, 57.675

85, 26.623, 57.675

85, 26.623, 57.675

81, 35.999, 56.876

89, 17.852, 58.540

77, 45.971, 56.131

94, 9.656, 59.424

73, 56.446, 55.432

98, 1.988, 60.142

69, 67.160, 54.713

100, 0.476,
200.768

66, 77.496, 53.795

63, 86.237, 52.290

61, 91.050, 50.714

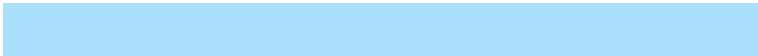
Harmonies

Complementary

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



85, 26.623, 57.675



86, 22.542, 245.118

Rectangle

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



85, 26.623, 57.675



85, 26.623, 107.675



85, 26.623, 237.675



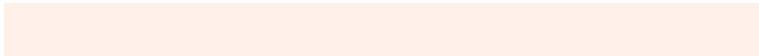
85, 26.623, 287.675

Sweetspot

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



85, 26.622, 57.682



95, 7.560, 59.660



79, 40.470, 339.752



50, 5.183, 59.539



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



85, 26.622, 57.682



83, 32.591, 57.168



95, 36.695, 100.497



51, 4.291, 59.703



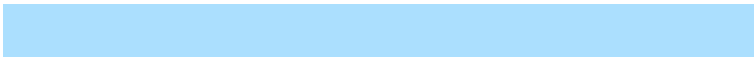
47, 73.200, 51.360



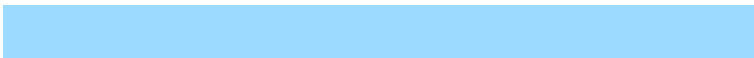
14, 27.700, 49.839

Inverse Universe

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



86, 22.542, 245.118



84, 26.584, 246.370



76, 38.828, 288.700



51, 4.115, 241.747



48, 45.104, 268.668



15, 19.067, 261.407

Previews

White Background



This preview shows how the CIELCh color 85, 26.623, 57.675 looks on a white background.

Color Contrast Check

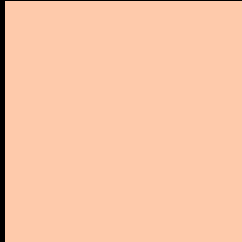
Large Text (above 18pt) WCAG AA × Fail

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 85, 26.623, 57.675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

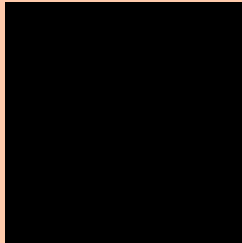
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 26.623, 57.675

Background



This preview shows how black text looks on a background with the CIELCh color 85, 26.623, 57.675.



This preview shows how white text looks on a background with the CIELCh color 85, 26.623, 57.675.

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

85, 26.623, 57.675

Protanopia

85, 19.488, 93.523

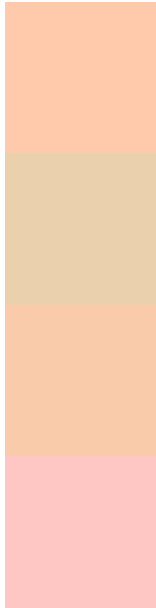
Deuteranopia

85, 25.217, 64.647



Tritanopia
85, 22.742, 2.557

Trichromacy



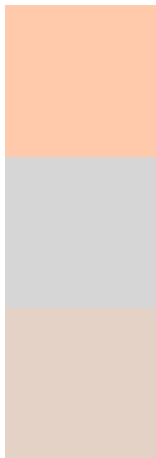
Original Color
85, 26.623, 57.675

Protanomaly
85, 20.805, 77.987

Deuteranomaly
85, 25.751, 62.031

Tritanomaly
85, 21.517, 25.174

Monochromacy



Original Color
85, 26.623, 57.675

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 9.227, 62.504

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 26.623, 57.675 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, 202, 171)` looks like.

```
.text, #text, p{  
    color:rgb(254, 202, 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(254, 202, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 202, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 26.623, 57.675 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, 202, 171) }
```

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

```
.border{ border-color:rgb(254, 202, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 202, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 202, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 202, 171);  
box-shadow:4px 4px 4px 4px rgb(254, 202,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 26.623, 57.675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 202, 171) }
```

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

```
.background{ background-color: rgb(254,  
202, 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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