

Converting Colors

CIELCh(86, 29.626, 57.389)

Have a look what the booklet for
CIELCh(86, 29.626, 57.389) contains.

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Color

CIELCh(85, 27.685, 59.981)

Conversions

Conversions Part 1

Format	Color
Hex	FECAA8
RGB	254, 202, 168
RGB Percent	100%, 79%, 66%
CMY	0.0049, 0.2085, 0.3417
CMYK	0.00, 0.20, 0.34, 0.00
HSL	24°, 97%, 83%
HSV	24°, 34%, 100%
XYZ	68.9182, 66.0070, 46.0882
YIQ	213.6720, 41.9060, 0.4500

Conversions

Conversions Part 2

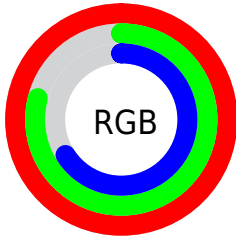
Format	Color
RYB	254, 224, 168
Decimal	16698024
CIELab	85.00, 13.85, 23.97
CIElCh	85, 27.685, 59.981
Yxy	66.0070, 0.3807, 0.3647
Android (android.graphics.Color)	4294888104 (0xFFFECAA8)
YUV	213.6720, -22.5163, 35.3677
Hunter-Lab	81.2447, 9.2396, 23.2374

Details

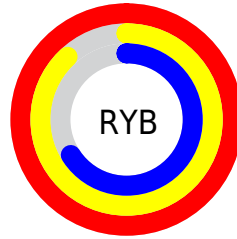
The CIELCh color **85, 27.685, 59.981** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **85, 23.585, 248.254**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 16.187, 108.954**, and **65, 27.654, 59.884** is the 20% darker color. If you saturate the color by 10%, you get **81, 37.077, 59.080**, and if you desaturate by 10%, it is **89, 18.868, 60.936**.

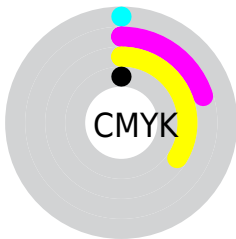
Distribution



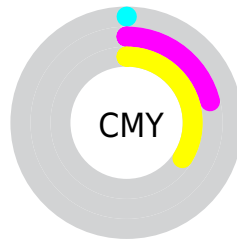
- Red (100%)
- Green (79%)
- Blue (66%)



- Red (100%)
- Yellow (88%)
- Blue (66%)



- Cyan (0%)
- Magenta (20%)
- Yellow (34%)
- Black (0%)



- Cyan (0%)
- Magenta (21%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 27.685, 59.981 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, 27.685, 59.981 by changing the saturation by 10% instead.

 85, 27.685, 59.981

 85, 27.685, 59.981

 100, 27.685,
59.981

 75, 27.685, 59.981

 65, 27.685, 59.981

 55, 27.685, 59.981

 45, 27.685, 59.981

 35, 27.685, 59.981

 25, 27.685, 59.981

 15, 27.685, 59.981

 5, 27.685, 59.981

 0, 27.685, 59.981

85, 27.685, 59.981

85, 27.685, 59.981

81, 37.077, 59.080

89, 18.868, 60.936

77, 47.023, 58.216

94, 10.605, 61.904

73, 57.412, 57.375

98, 2.850, 62.776

70, 67.941, 56.480

100, 0.433,
200.907

66, 77.933, 55.334

63, 86.119, 53.538

62, 89.967, 52.082

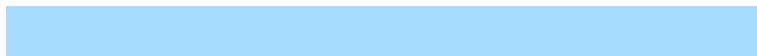
Harmonies

Complementary

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



85, 27.685, 59.981



85, 23.585, 248.254

Rectangle

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



85, 27.685, 59.981



85, 27.685, 109.981



85, 27.685, 239.981



85, 27.685, 289.981

Sweetspot

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



85, 27.685, 59.988



96, 7.595, 62.270



79, 41.419, 340.671



50, 5.205, 62.137



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, 27.685, 59.988



82, 34.483, 59.333



95, 38.569, 101.281



51, 4.311, 62.316



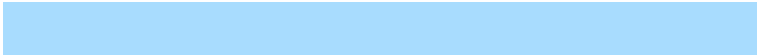
47, 72.322, 52.747



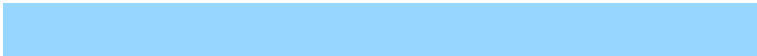
14, 27.500, 51.793

Inverse Universe

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



85, 23.585, 248.254



83, 28.239, 249.783



74, 41.072, 289.700



51, 4.148, 244.485



47, 47.119, 271.854



14, 19.752, 264.648

Previews

White Background



This preview shows how the CIELCh color 85, 27.685, 59.981 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, 27.685, 59.981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

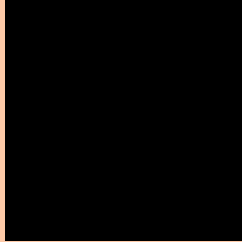
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 27.685, 59.981

Background



This preview shows how black text looks on a background with the CIELCh color 85, 27.685, 59.981.



This preview shows how white text looks on a background with the CIELCh color 85, 27.685, 59.981.

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, 27.717, 59.969

Protanopia

85, 21.006, 94.429

Deuteranopia

85, 26.429, 66.766



Tritanopia
85, 22.742, 2.557

Trichromacy



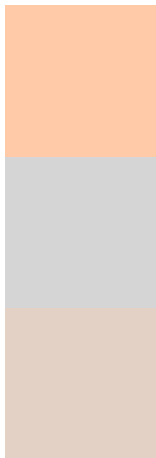
Original Color
85, 27.717, 59.969

Protanomaly
85, 22.195, 79.809

Deuteranomaly
85, 26.921, 64.220

Tritanomaly
85, 21.608, 26.531

Monochromacy



Original Color
85, 27.717, 59.969

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 9.521, 60.948

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 27.685, 59.981 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(254, 202, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 202, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 27.685, 59.981 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, 168) }
```

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

```
.border{ border-color:rgb(254, 202, 168) }
```

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, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(254, 202, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(254, 202, 168); box-shadow:4px 4px 4px 4px rgb(254, 202, 168) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 27.685, 59.981 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, 168) }
```

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

```
.background{ background-color: rgb(254,  
202, 168) }
```

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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