

Converting Colors

CIELCh(85, 30.081, 70.874)

Have a look what the booklet for
CIELCh(85, 30.081, 70.874) contains.

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Color

CIELCh(85, 30.076, 70.874)

Conversions

Conversions Part 1

Format	Color
Hex	F9CC9F
RGB	249, 204, 159
RGB Percent	98%, 80%, 62%
CMY	0.0225, 0.1990, 0.3755
CMYK	0.00, 0.18, 0.36, 0.02
HSL	30°, 89%, 80%
HSV	30°, 36%, 98%
XYZ	67.0952, 66.0070, 42.1159
YIQ	212.3250, 41.2650, -4.4550

Conversions

Conversions Part 2

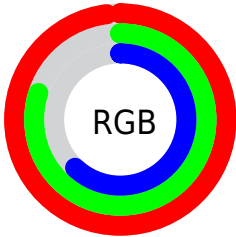
Format	Color
RYB	249, 249, 159
Decimal	16370847
CIELab	85.00, 9.85, 28.42
CIElCh	85, 30.076, 70.874
Yxy	66.0070, 0.3829, 0.3767
Android (android.graphics.Color)	4294560927 (0xFFFF9CC9F)
YUV	212.3250, -26.2892, 32.1640
Hunter-Lab	81.2447, 5.2343, 26.1363

Details

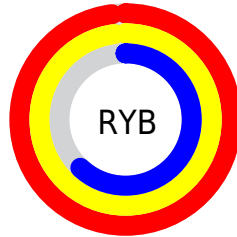
The CIELCh color **85, 30.076, 70.874** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **80, 27.132, 261.500**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 20.719, 108.609**, and **65, 30.134, 71.158** is the 20% darker color. If you saturate the color by 10%, you get **82, 39.311, 69.599**, and if you desaturate by 10%, it is **89, 21.233, 72.149**.

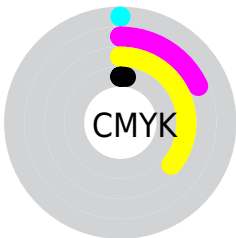
Distribution



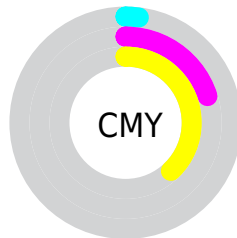
- Red (98%)
- Green (80%)
- Blue (62%)



- Red (98%)
- Yellow (98%)
- Blue (62%)



- Cyan (0%)
- Magenta (18%)
- Yellow (36%)
- Black (2%)



- Cyan (2%)
- Magenta (20%)
- Yellow (38%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 30.076, 70.874 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, 30.076, 70.874 by changing the saturation by 10% instead.

 85, 30.076, 70.874

 85, 30.076, 70.874

 100, 30.076,
70.874

 75, 30.076, 70.874

 65, 30.076, 70.874

 55, 30.076, 70.874

 45, 30.076, 70.874

 35, 30.076, 70.874

 25, 30.076, 70.874

 15, 30.076, 70.874

 5, 30.076, 70.874

 0, 30.076, 70.874

85, 30.076, 70.874

85, 30.076, 70.874

82, 39.311, 69.599

89, 21.233, 72.149

78, 48.866, 68.295

92, 12.793, 73.398

75, 58.551, 66.933

96, 4.739, 74.584

72, 67.948, 65.417

99, 1.735, 214.801

69, 76.251, 63.543

100, 1.988,
199.612

67, 82.264, 60.957

66, 84.113, 59.835

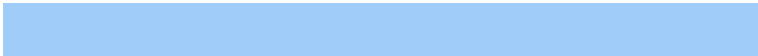
Harmonies

Complementary

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



85, 30.076, 70.874



80, 27.132, 261.500

Rectangle

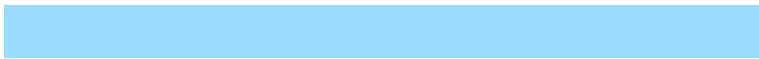
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85, 30.076, 70.874



85, 30.076, 120.874



85, 30.076, 250.874



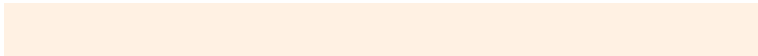
85, 30.076, 300.874

Sweetspot

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



85, 30.076, 70.880



96, 8.787, 74.019



76, 40.511, 347.192



51, 5.923, 73.855



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, 30.076, 70.880



84, 37.076, 69.993



96, 45.128, 106.669



50, 4.451, 74.199



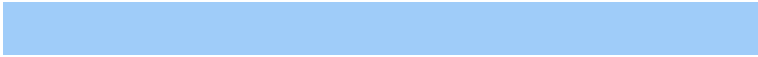
51, 67.995, 60.534



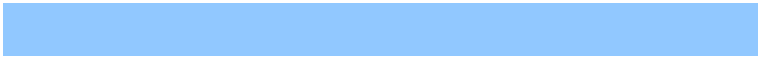
15, 25.831, 61.655

Inverse Universe

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



80, 27.132, 261.500



79, 32.718, 263.168



69, 49.486, 294.927



50, 4.352, 256.728



41, 57.679, 284.145



11, 22.954, 277.238

Previews

White Background



This preview shows how the CIELCh color 85, 30.076, 70.874 looks on a white background.

Color Contrast Check

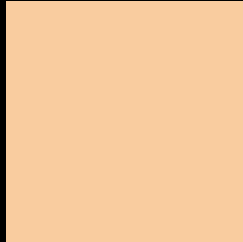
Large Text (above 18pt) WCAG AA × Fail

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, 30.076, 70.874 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, 30.076, 70.874

Background



This preview shows how black text looks on a background with the CIELCh color 85, 30.076, 70.874.



This preview shows how white text looks on a background with the CIELCh color 85, 30.076, 70.874.

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, 30.076, 70.874

Protanopia

85, 26.258, 94.859

Deuteranopia

85, 30.605, 69.687



Tritanopia
85, 22.877, 1.299

Trichromacy



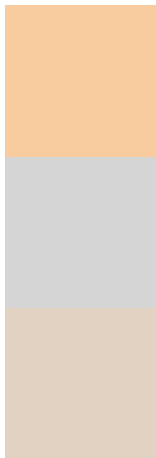
Original Color
85, 30.076, 70.874

Protanomaly
85, 26.760, 85.189

Deuteranomaly
85, 30.339, 70.276

Tritanomaly
85, 20.762, 30.975

Monochromacy



Original Color
85, 30.076, 70.874

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 10.767, 75.191

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 30.076, 70.874 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(249, 204, 159)` looks like.

```
.text, #text, p{  
    color:rgb(249, 204, 159)  
}
```

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(249, 204, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 204, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 30.076, 70.874 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(249, 204, 159) }
```

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

```
.border{ border-color:rgb(249, 204, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 204, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 204, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 204, 159); box-shadow:4px 4px 4px 4px rgb(249, 204, 159) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 30.076, 70.874 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 204, 159) }
```

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

```
.background{ background-color: rgb(249,  
204, 159) }
```

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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