

Converting Colors

CIELCh(85, 25.763, 67.639)

Have a look what the booklet for
CIELCh(85, 25.763, 67.639) contains.

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Color

CIELCh(85, 25.845, 68.081)

Conversions

Conversions Part 1

Format	Color
Hex	F7CDA8
RGB	247, 205, 168
RGB Percent	97%, 80%, 66%
CMY	0.0329, 0.1975, 0.3426
CMYK	0.00, 0.17, 0.32, 0.03
HSL	28°, 82%, 81%
HSV	28°, 32%, 97%
XYZ	67.0019, 66.0070, 46.0833
YIQ	213.3400, 36.9090, -2.6030

Conversions

Conversions Part 2

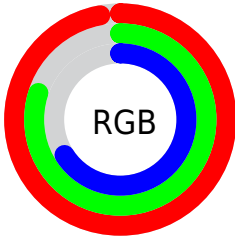
Format	Color
RYB	247, 238, 168
Decimal	16240040
CIELab	85.00, 9.65, 23.98
CIELCh	85, 25.845, 68.081
Yxy	66.0070, 0.3741, 0.3686
Android (android.graphics.Color)	4294430120 (0xFFF7CDA8)
YUV	213.3400, -22.3526, 29.5198
Hunter-Lab	81.2447, 5.0293, 23.2411

Details

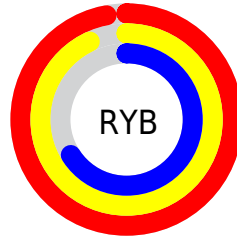
The CIELCh color **85, 25.845, 68.081** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **82, 23.193, 256.988**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 16.187, 108.954**, and **65, 25.611, 68.521** is the 20% darker color. If you saturate the color by 10%, you get **81, 34.837, 66.895**, and if you desaturate by 10%, it is **89, 17.303, 69.280**.

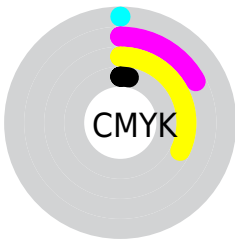
Distribution



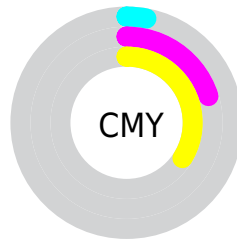
- Red (97%)
- Green (80%)
- Blue (66%)



- Red (97%)
- Yellow (93%)
- Blue (66%)



- Cyan (0%)
- Magenta (17%)
- Yellow (32%)
- Black (3%)



- Cyan (3%)
- Magenta (20%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 25.845, 68.081 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, 25.845, 68.081 by changing the saturation by 10% instead.

 85, 25.845, 68.081

 85, 25.845, 68.081

 100, 25.845,
68.081

 75, 25.845, 68.081

 65, 25.845, 68.081

 55, 25.845, 68.081

 45, 25.845, 68.081

 35, 25.845, 68.081

 25, 25.845, 68.081

 15, 25.845, 68.081

 5, 25.845, 68.081

 0, 25.845, 68.081

85, 25.845, 68.081

85, 25.845, 68.081

81, 34.837, 66.895

89, 17.303, 69.280

78, 44.247, 65.702

92, 9.198, 70.454

75, 53.962, 64.486

96, 1.501, 71.384

71, 63.697, 63.183

99, 2.902, 199.449

68, 72.849, 61.634

65, 80.343, 59.526

63, 84.654, 57.332

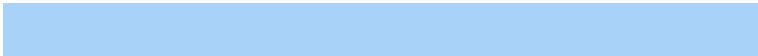
Harmonies

Complementary

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



85, 25.845, 68.081



82, 23.193, 256.988

Rectangle

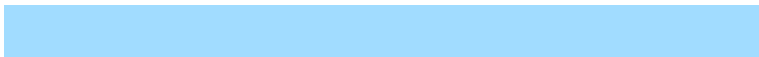
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85, 25.845, 68.081



85, 25.845, 118.081



85, 25.845, 248.081



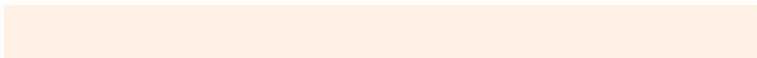
85, 25.845, 298.081

Sweetspot

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



85, 25.845, 68.088



96, 7.821, 70.683



77, 36.329, 344.826



51, 5.356, 70.523



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, 25.845, 68.088



85, 32.031, 67.366



95, 38.598, 105.601



49, 4.294, 70.743



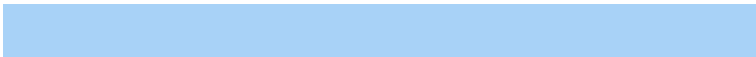
49, 68.238, 58.047



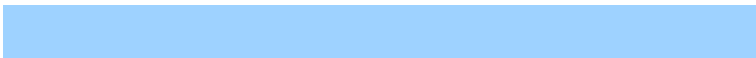
14, 24.676, 58.214

Inverse Universe

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



82, 23.193, 256.988



82, 28.083, 258.312



72, 41.574, 292.963



49, 4.179, 253.196



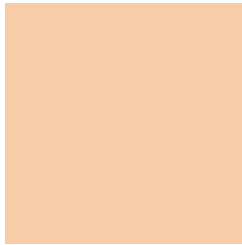
42, 53.514, 280.821



11, 20.964, 273.269

Previews

White Background



This preview shows how the CIELCh color 85, 25.845, 68.081 looks on a white background.

Color Contrast Check

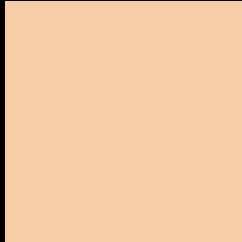
Large Text (above 18pt) WCAG AA × Fail

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, 25.845, 68.081 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, 25.845, 68.081

Background



This preview shows how black text looks on a background with the CIELCh color 85, 25.845, 68.081.

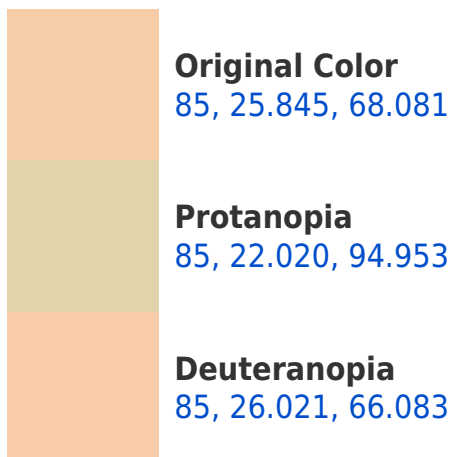



This preview shows how white text looks on a background with the CIELCh color 85, 25.845, 68.081.

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
85, 21.610, 358.441

Trichromacy



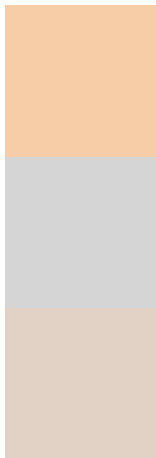
Original Color
85, 25.845, 68.081

Protanomaly
85, 22.563, 83.586

Deuteranomaly
85, 25.738, 66.728

Tritanomaly
85, 19.147, 25.502

Monochromacy



Original Color
85, 25.845, 68.081

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 8.829, 69.949

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 25.845, 68.081 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(247, 205, 168)` looks like.

```
.text, #text, p{  
    color:rgb(247, 205, 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(247, 205, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 205, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 25.845, 68.081 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(247, 205, 168) }
```

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

```
.border{ border-color:rgb(247, 205, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 205, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 205, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 205, 168); box-shadow:4px 4px 4px 4px rgb(247, 205, 168) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 25.845, 68.081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 205, 168) }
```

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

```
.background{ background-color: rgb(247,  
205, 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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