

Converting Colors

CIELCh(85, 27.334, 55.365)

Have a look what the booklet for
CIELCh(85, 27.334, 55.365) contains.

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Color

CIELCh(85, 26.966, 55.855)

Conversions

Conversions Part 1

Format	Color
Hex	FFC9AB
RGB	255, 201, 171
RGB Percent	100%, 79%, 67%
CMY	0.0000, 0.2116, 0.3292
CMYK	0.00, 0.21, 0.33, 0.00
HSL	21°, 100%, 84%
HSV	21°, 33%, 100%
XYZ	69.5115, 66.0070, 47.6277
YIQ	213.7260, 41.8140, 2.1180

Conversions

Conversions Part 2

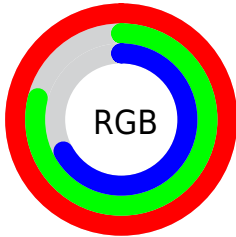
Format	Color
R _Y B	255, 218, 171
Decimal	16763307
CIE Lab	85.00, 15.14, 22.32
CIE LCh	85, 26.966, 55.855
Yxy	66.0070, 0.3795, 0.3604
Android (android.graphics.Color)	4294953387 (0xFFFFC9AB)
YUV	213.7260, -21.0639, 36.1973
Hunter-Lab	81.2447, 10.5431, 22.1140

Details

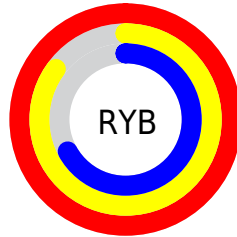
The CIELCh color **85, 26.966, 55.855** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **87, 22.590, 242.970**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 14.673, 109.069**, and **65, 26.863, 55.607** is the 20% darker color. If you saturate the color by 10%, you get **81, 36.427, 55.168**, and if you desaturate by 10%, it is **89, 18.100, 56.669**.

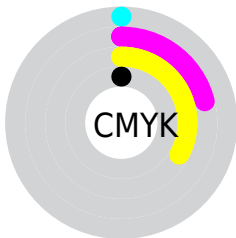
Distribution



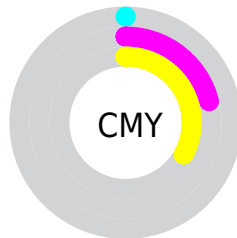
- Red (100%)
- Green (79%)
- Blue (67%)



- Red (100%)
- Yellow (85%)
- Blue (67%)



- Cyan (0%)
- Magenta (21%)
- Yellow (33%)
- Black (0%)



- Cyan (0%)
- Magenta (21%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 26.966, 55.855 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, 26.966, 55.855 by changing the saturation by 10% instead.

 85, 26.966, 55.855

 85, 26.966, 55.855

 100, 26.966,
55.855

 75, 26.966, 55.855

 65, 26.966, 55.855

 55, 26.966, 55.855

 45, 26.966, 55.855

 35, 26.966, 55.855

 25, 26.966, 55.855

 15, 26.966, 55.855

 5, 26.966, 55.855

 0, 26.966, 55.855

85, 26.966, 55.855

85, 26.966, 55.855

81, 36.427, 55.168

89, 18.100, 56.669

77, 46.527, 54.521

94, 9.850, 57.487

73, 57.157, 53.935

99, 2.149, 58.160

69, 68.049, 53.344

100, 0.012,
296.813

65, 78.578, 52.562

62, 87.489, 51.188

61, 92.270, 49.754

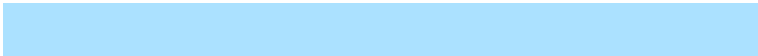
Harmonies

Complementary

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



85, 26.966, 55.855



87, 22.590, 242.970

Rectangle

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



85, 26.966, 55.855



85, 26.966, 105.855



85, 26.966, 235.855



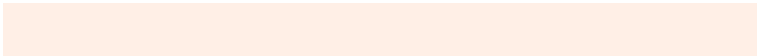
85, 26.966, 285.855

Sweetspot

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



85, 26.948, 55.887



95, 7.545, 57.724



80, 41.361, 338.981



50, 5.173, 57.611



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, 26.948, 55.887



82, 33.591, 55.370



95, 36.511, 99.528



51, 4.282, 57.763



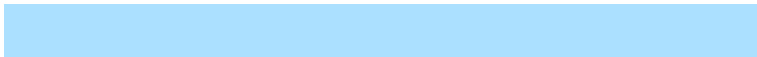
46, 73.859, 50.394



14, 27.866, 48.444

Inverse Universe

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



87, 22.590, 242.970



84, 26.934, 244.346



76, 38.500, 287.913



51, 4.097, 239.705



49, 43.711, 266.170



15, 18.602, 258.900

Previews

White Background



This preview shows how the CIELCh color 85, 26.966, 55.855 looks on a white background.

Color Contrast Check

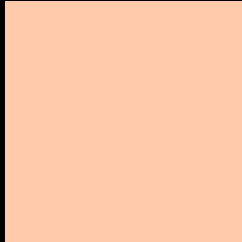
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 85, 26.966, 55.855 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, 26.966, 55.855

Background



This preview shows how black text looks on a background with the CIELCh color 85, 26.966, 55.855.



This preview shows how white text looks on a background with the CIELCh color 85, 26.966, 55.855.

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, 26.966, 55.855

Protanopia

85, 19.488, 93.523

Deuteranopia

85, 24.927, 65.294



Tritanopia
85, 22.742, 2.557

Trichromacy



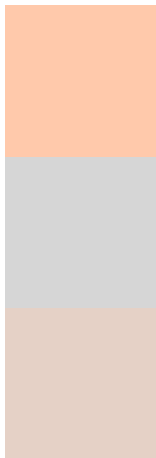
Original Color
85, 26.966, 55.855

Protanomaly
85, 21.017, 77.062

Deuteranomaly
85, 25.751, 62.031

Tritanomaly
85, 21.855, 23.795

Monochromacy



Original Color
85, 26.966, 55.855

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 9.473, 57.137

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 26.966, 55.855 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(255, 201, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 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(255, 201, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 26.966, 55.855 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(255, 201, 171) }
```

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

```
.border{ border-color:rgb(255, 201, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 201, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 201, 171); box-shadow:4px 4px 4px 4px rgb(255, 201, 171) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 26.966, 55.855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 171) }
```

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

```
.background{ background-color: rgb(255,  
201, 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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