

Converting Colors

CIELCh(85, 25.984, 51.492)

Have a look what the booklet for
CIELCh(85, 25.984, 51.492) contains.

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Color

CIELCh(85, 25.698, 51.057)

Conversions

Conversions Part 1

Format	Color
Hex	FFC8AF
RGB	255, 200, 175
RGB Percent	100%, 78%, 69%
CMY	0.0000, 0.2138, 0.3119
CMYK	0.00, 0.21, 0.31, 0.00
HSL	19°, 100%, 84%
HSV	19°, 31%, 100%
XYZ	69.9832, 66.0070, 49.8548
YIQ	213.5950, 40.8050, 3.8850

Conversions

Conversions Part 2

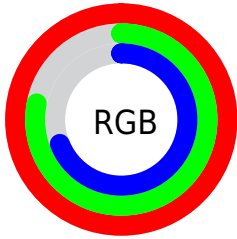
Format	Color
R _Y B	255, 211, 175
Decimal	16763055
CIE Lab	85.00, 16.15, 19.99
CIE LCh	85, 25.698, 51.057
Yxy	66.0070, 0.3766, 0.3552
Android (android.graphics.Color)	4294953135 (0xFFFFC8AF)
YUV	213.5950, -19.0273, 36.3122
Hunter-Lab	81.2447, 11.5794, 20.4887

Details

The CIELCh color **85, 25.698, 51.057** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **88, 21.194, 236.775**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 12.147, 109.259**, and **65, 25.853, 51.549** is the 20% darker color. If you saturate the color by 10%, you get **80, 35.029, 50.806**, and if you desaturate by 10%, it is **90, 16.678, 51.872**.

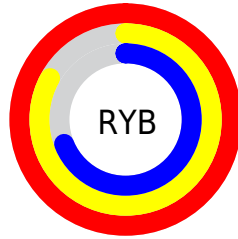
Distribution



Red (100%)

Green (78%)

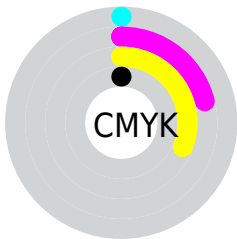
Blue (69%)



Red (100%)

Yellow (83%)

Blue (69%)

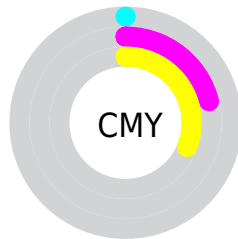


Cyan (0%)

Magenta (21%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 25.698, 51.057 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, 25.698, 51.057 by changing the saturation by 10% instead.

 85, 25.698, 51.057

 85, 25.698, 51.057

 100, 25.698,
51.057

 75, 25.698, 51.057

 65, 25.698, 51.057

 55, 25.698, 51.057

 45, 25.698, 51.057

 35, 25.698, 51.057

 25, 25.698, 51.057

 15, 25.698, 51.057

 5, 25.698, 51.057

 0, 25.698, 51.057

85, 25.698, 51.057

85, 25.698, 51.057

80, 35.029, 50.806

90, 16.678, 51.872

76, 45.224, 50.423

95, 8.479, 52.499

72, 56.033, 50.147

99, 0.862, 52.590

68, 67.236, 49.930

100, 0.012,
296.813

64, 78.294, 49.618

61, 88.046, 48.832

59, 94.498, 47.475

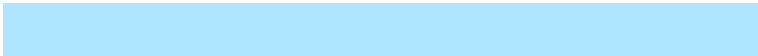
Harmonies

Complementary

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



85, 25.698, 51.057



88, 21.194, 236.775

Rectangle

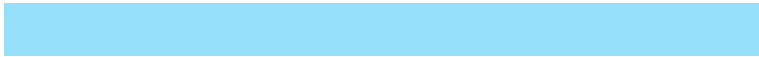
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85, 25.698, 51.057



85, 25.698, 101.057



85, 25.698, 231.057



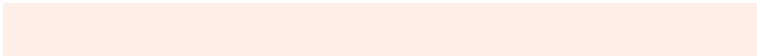
85, 25.698, 281.057

Sweetspot

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



85, 25.515, 51.295



96, 6.767, 52.633



81, 40.544, 336.577



50, 4.728, 52.544



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, 25.515, 51.295



82, 30.963, 50.998



94, 32.994, 96.714



51, 4.283, 52.603



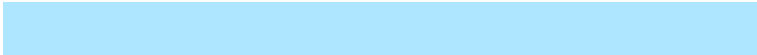
45, 75.625, 48.063



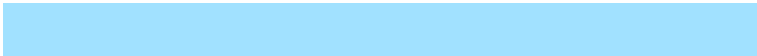
13, 28.368, 44.942

Inverse Universe

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



88, 21.194, 236.775



86, 24.700, 237.723



78, 34.243, 284.917



51, 4.075, 234.236



52, 40.443, 258.923



16, 17.545, 251.788

Previews

White Background



This preview shows how the CIELCh color 85, 25.698, 51.057 looks on a white background.

Color Contrast Check

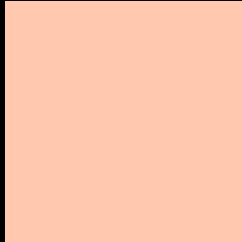
Large Text (above 18pt) WCAG AA × Fail

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, 25.698, 51.057 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

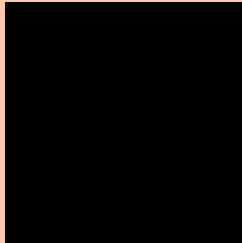
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 25.698, 51.057

Background



This preview shows how black text looks on a background with the CIELCh color 85, 25.698, 51.057.



This preview shows how white text looks on a background with the CIELCh color 85, 25.698, 51.057.

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, 25.698, 51.057

Protanopia

85, 16.756, 94.133

Deuteranopia

85, 22.678, 61.901



Tritanopia
85, 22.742, 2.557

Trichromacy



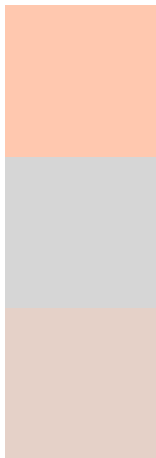
Original Color
85, 25.698, 51.057

Protanomaly
85, 18.549, 74.302

Deuteranomaly
85, 23.581, 58.471

Tritanomaly
85, 21.736, 21.085

Monochromacy



Original Color
85, 25.698, 51.057

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 8.849, 51.907

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 25.698, 51.057 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, 200, 175)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 175)  
}
```

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, 200, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 25.698, 51.057 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, 200, 175) }
```

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

```
.border{ border-color:rgb(255, 200, 175) }
```

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

Here you see how a box with a 4 pixel rgb(255, 200, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 25.698, 51.057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 175) }
```

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

```
.background{ background-color: rgb(255,  
200, 175) }
```

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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