

Converting Colors

CIELCh(85, 26.501, 53.209)

Have a look what the booklet for
CIELCh(85, 26.501, 53.209) contains.

CIELCh(85, 26.287, 54.187)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(85, 26.287, 54.187)

Conversions

Conversions Part 1

Format	Color
Hex	FFC9AD
RGB	255, 201, 173
RGB Percent	100%, 79%, 68%
CMY	0.0003, 0.2120, 0.3218
CMYK	0.00, 0.21, 0.32, 0.00
HSL	20°, 100%, 84%
HSV	20°, 32%, 100%
XYZ	69.6254, 66.0070, 48.5757
YIQ	213.9540, 41.1720, 2.7400

Conversions

Conversions Part 2

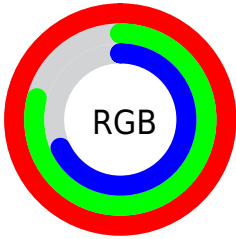
Format	Color
R _Y B	255, 216, 173
Decimal	16763309
CIE Lab	85.00, 15.38, 21.32
CIE LCh	85, 26.287, 54.187
Yxy	66.0070, 0.3780, 0.3583
Android (android.graphics.Color)	4294953389 (0xFFFFC9AD)
YUV	213.9540, -20.1903, 35.9973
Hunter-Lab	81.2447, 10.7933, 21.4222

Details

The CIELCh color **85, 26.287, 54.187** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **87, 21.963, 240.659**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 13.158, 109.183**, and **65, 26.136, 53.874** is the 20% darker color. If you saturate the color by 10%, you get **81, 35.766, 53.557**, and if you desaturate by 10%, it is **90, 17.456, 54.903**.

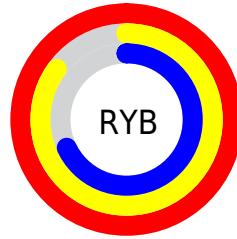
Distribution



Red (100%)

Green (79%)

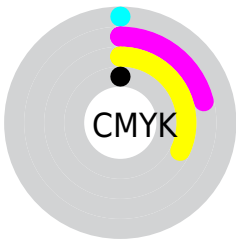
Blue (68%)



Red (100%)

Yellow (85%)

Blue (68%)

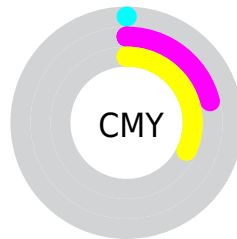


Cyan (0%)

Magenta (21%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 26.287, 54.187 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, 26.287, 54.187 by changing the saturation by 10% instead.

 85, 26.287, 54.187

 85, 26.287, 54.187

 100, 26.287,
54.187

 75, 26.287, 54.187

 65, 26.287, 54.187

 55, 26.287, 54.187

 45, 26.287, 54.187

 35, 26.287, 54.187

 25, 26.287, 54.187

 15, 26.287, 54.187

 5, 26.287, 54.187

 0, 26.287, 54.187

85, 26.287, 54.187

85, 26.287, 54.187

81, 35.766, 53.557

90, 17.456, 54.903

76, 45.891, 53.005

94, 9.238, 55.653

72, 56.582, 52.531

99, 1.582, 56.170

69, 67.594, 52.077

100, 0.024,
228.103

65, 78.339, 51.471

62, 87.604, 50.319

60, 93.080, 48.868

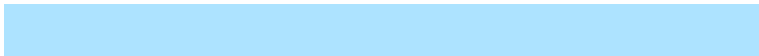
Harmonies

Complementary

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



85, 26.287, 54.187



87, 21.963, 240.659

Rectangle

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



85, 26.287, 54.187



85, 26.287, 104.187



85, 26.287, 234.187



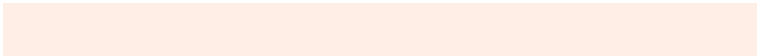
85, 26.287, 284.187

Sweetspot

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



85, 26.286, 54.194



95, 7.539, 55.813



80, 40.861, 338.142



50, 5.169, 55.709



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, 26.286, 54.194



82, 32.704, 53.750



95, 35.108, 98.643



51, 4.278, 55.849



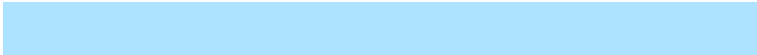
46, 74.513, 49.490



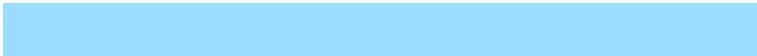
14, 28.042, 47.110

Inverse Universe

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



87, 21.963, 240.659



85, 26.127, 241.912



77, 36.814, 286.916



51, 4.084, 237.683



50, 42.423, 263.588



16, 18.179, 256.338

Previews

White Background



This preview shows how the CIELCh color 85, 26.287, 54.187 looks on a white background.

Color Contrast Check

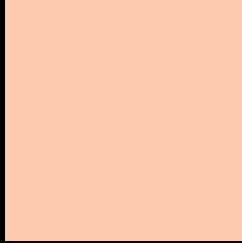
Large Text (above 18pt) WCAG AA × Fail

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, 26.287, 54.187 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, 26.287, 54.187

Background



This preview shows how black text looks on a background with the CIELCh color 85, 26.287, 54.187.



This preview shows how white text looks on a background with the CIELCh color 85, 26.287, 54.187.

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, 26.287, 54.187

Protanopia

85, 18.375, 93.994

Deuteranopia

85, 24.134, 63.757



Tritanopia
85, 22.742, 2.557

Trichromacy



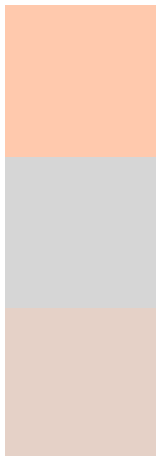
Original Color
85, 26.287, 54.187

Protanomaly
85, 19.893, 76.620

Deuteranomaly
85, 24.995, 60.451

Tritanomaly
85, 21.789, 22.444

Monochromacy



Original Color
85, 26.287, 54.187

Achromatopsia
86, 0.010, 296.813

Achromatomaly
85, 9.151, 54.613

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 26.287, 54.187 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, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 173)  
}
```

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, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 26.287, 54.187 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, 173) }
```

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

```
.border{ border-color:rgb(255, 201, 173) }
```

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, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 201, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 201, 173); box-shadow:4px 4px 4px 4px rgb(255, 201, 173) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 26.287, 54.187 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, 173) }
```

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

```
.background{ background-color: rgb(255,  
201, 173) }
```

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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