

Converting Colors

CIELCh(85, 26.298, 55.180)

Have a look what the booklet for
CIELCh(85, 26.298, 55.180) contains.

| | |
|------------------------------------------------|----|
| CIELCh(85, 26.286, 55.521) | 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, 26.286, 55.521)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | FEC9AC |
| RGB | 254, 201, 172 |
| RGB Percent | 100%, 79%, 67% |
| CMY | 0.0028, 0.2107, 0.3245 |
| CMYK | 0.00, 0.21, 0.32, 0.00 |
| HSL | 21°, 98%, 84% |
| HSV | 21°, 32%, 100% |
| XYZ | 69.3935, 66.0070, 48.2413 |
| YIQ | 213.5410, 40.8970, 2.2170 |

Conversions

Conversions Part 2

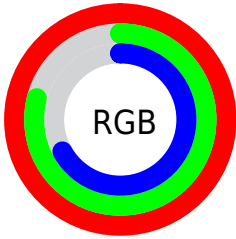
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 254, 217, 172 |
| Decimal | 16697772 |
| CIE Lab | 85.00, 14.88, 21.67 |
| CIE LCh | 85, 26.286, 55.521 |
| Yxy | 66.0070, 0.3779, 0.3594 |
| Android (android.graphics.Color) | 4294887852 (0xFFFE C9AC) |
| YUV | 213.5410, -20.4797, 35.4825 |
| Hunter-Lab | 81.2447, 10.2838, 21.6662 |

Details

The CIELCh color **85, 26.286, 55.521** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **87, 22.083, 242.344**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 14.168, 109.107**, and **65, 26.132, 55.269** is the 20% darker color. If you saturate the color by 10%, you get **81, 35.711, 54.824**, and if you desaturate by 10%, it is **89, 17.492, 56.296**.

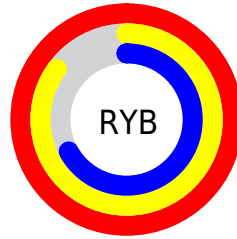
Distribution



Red (100%)

Green (79%)

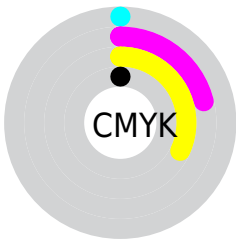
Blue (67%)



Red (100%)

Yellow (85%)

Blue (67%)

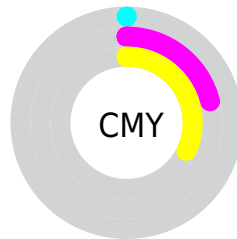


Cyan (0%)

Magenta (21%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (21%)

Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 26.286, 55.521 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, 26.286, 55.521 by changing the saturation by 10% instead.

 85, 26.286, 55.521

 85, 26.286, 55.521

 100, 26.286,
55.521

 75, 26.286, 55.521

 65, 26.286, 55.521

 55, 26.286, 55.521

 45, 26.286, 55.521

 35, 26.286, 55.521

 25, 26.286, 55.521

 15, 26.286, 55.521

 5, 26.286, 55.521

 0, 26.286, 55.521

85, 26.286, 55.521

85, 26.286, 55.521

81, 35.711, 54.824

89, 17.492, 56.296

76, 45.765, 54.196

94, 9.297, 57.099

73, 56.363, 53.634

99, 1.650, 57.682

69, 67.256, 53.077

100, 0.250,
202.037

65, 77.854, 52.353

62, 86.949, 51.073

60, 92.261, 49.548

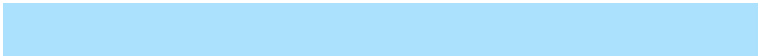
Harmonies

Complementary

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



85, 26.286, 55.521



87, 22.083, 242.344

Rectangle

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



85, 26.286, 55.521



85, 26.286, 105.521



85, 26.286, 235.521



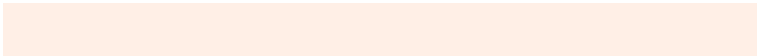
85, 26.286, 285.521

Sweetspot

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



85, 26.285, 55.528



95, 7.543, 57.277



80, 40.440, 338.920



50, 5.171, 57.167



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, 26.285, 55.528



82, 32.647, 55.045



95, 35.696, 99.606



51, 4.281, 57.316



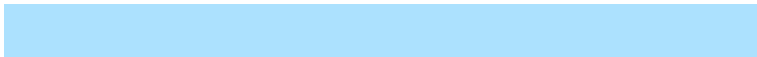
46, 74.012, 50.178



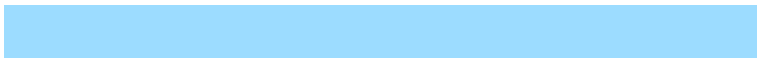
14, 27.906, 48.128

Inverse Universe

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



87, 22.083, 242.344



85, 26.282, 243.621



76, 37.589, 287.791



51, 4.094, 239.233



50, 43.402, 265.578



15, 18.500, 258.309

Previews

White Background



This preview shows how the CIELCh color 85, 26.286, 55.521 looks on a white background.

Color Contrast Check

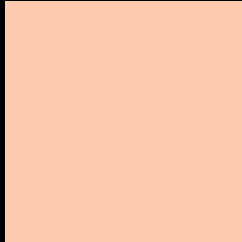
Large Text (above 18pt) WCAG AA × Fail

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, 26.286, 55.521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

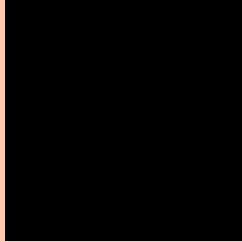
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 85, 26.286, 55.521

Background



This preview shows how black text looks on a background with the CIELCh color 85, 26.286, 55.521.



This preview shows how white text looks on a background with the CIELCh color 85, 26.286, 55.521.

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, 26.286, 55.521

Protanopia

85, 18.882, 94.327

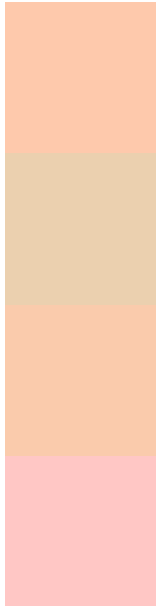
Deuteranopia

85, 24.134, 63.757



Tritanopia
85, 22.742, 2.557

Trichromacy



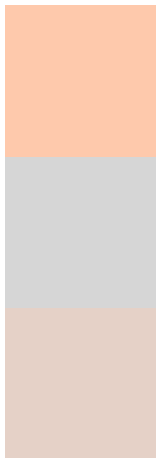
Original Color
85, 26.286, 55.521

Protanomaly
85, 20.347, 77.320

Deuteranomaly
85, 24.995, 60.451

Tritanomaly
85, 21.439, 23.807

Monochromacy



Original Color
85, 26.286, 55.521

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, 26.286, 55.521 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(254, 201, 172)` looks like.

```
.text, #text, p{  
    color:rgb(254, 201, 172)  
}
```

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(254, 201, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 201, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 26.286, 55.521 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(254, 201, 172) }
```

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

```
.border{ border-color:rgb(254, 201, 172) }
```

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

Here you see how a box with a 4 pixel rgb(254, 201, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 201, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 201, 172);  
box-shadow:4px 4px 4px 4px rgb(254, 201,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 26.286, 55.521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 201, 172) }
```

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

```
.background{ background-color: rgb(254,  
201, 172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor