

Converting Colors

CIELCh(81, 35.106, 55.598)

Have a look what the booklet for
CIELCh(81, 35.106, 55.598) contains.

CIELCh(81, 35.147, 55.362)	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(81, 35.147, 55.362)

Conversions

Conversions Part 1

Format	Color
Hex	FEBA94
RGB	254, 186, 148
RGB Percent	100%, 73%, 58%
CMY	0.0030, 0.2697, 0.4188
CMYK	0.00, 0.27, 0.42, 0.00
HSL	22°, 99%, 79%
HSV	22°, 42%, 100%
XYZ	63.9279, 58.4711, 36.0215
YIQ	202.0000, 52.7260, 2.5980

Conversions

Conversions Part 2

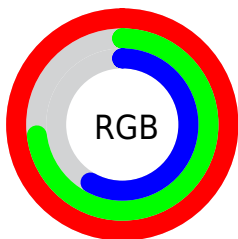
Format	Color
RYB	254, 207, 148
Decimal	16693908
CIELab	81.00, 19.98, 28.92
CIElCh	81, 35.147, 55.362
Yxy	58.4711, 0.4035, 0.3691
Android (android.graphics.Color)	4294883988 (0xFFFEBA94)
YUV	202.0000, -26.6220, 45.6040
Hunter-Lab	76.4664, 15.4145, 25.5964

Details

The CIELCh color **81, 35.147, 55.362** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83, 27.897, 244.863**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 20.982, 95.024**, and **61, 35.054, 55.736** is the 20% darker color. If you saturate the color by 10%, you get **77, 45.144, 54.706**, and if you desaturate by 10%, it is **85, 25.771, 56.101**.

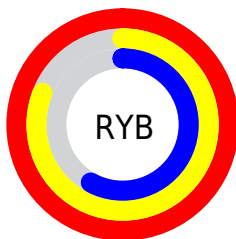
Distribution



Red (100%)

Green (73%)

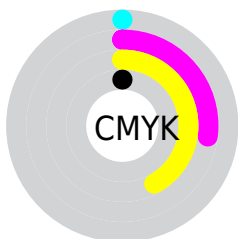
Blue (58%)



Red (100%)

Yellow (81%)

Blue (58%)

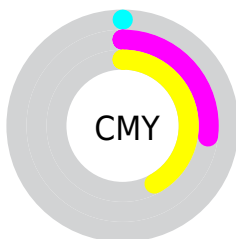


Cyan (0%)

Magenta (27%)

Yellow (42%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 35.147, 55.362 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 81, 35.147, 55.362 by changing the saturation by 10% instead.

 81, 35.147, 55.362

 81, 35.147, 55.362

 100, 35.147,
55.362

 71, 35.147, 55.362

 61, 35.147, 55.362

 51, 35.147, 55.362

 41, 35.147, 55.362

 31, 35.147, 55.362

 21, 35.147, 55.362

 11, 35.147, 55.362

 1, 35.147, 55.362

 0, 35.147, 55.362

81, 35.147, 55.362

81, 35.147, 55.362

77, 45.144, 54.706

85, 25.771, 56.101

73, 55.686, 54.107

90, 17.022, 56.895

69, 66.535, 53.514

94, 8.862, 57.718

66, 77.125, 52.762

99, 1.242, 58.213

63, 86.291, 51.481

100, 0.264,
201.900

60, 91.999, 49.823

Harmonies

Complementary

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



81, 35.147, 55.362



83, 27.897, 244.863

Rectangle

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



81, 35.147, 55.362



81, 35.147, 105.362



81, 35.147, 235.362



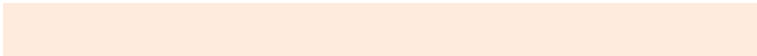
81, 35.147, 285.362

Sweetspot

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



81, 35.146, 55.368



94, 9.912, 57.612



74, 51.930, 339.812



49, 6.990, 57.429



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



81, 35.146, 55.368



78, 43.505, 54.813



94, 45.977, 98.507



51, 4.283, 57.895



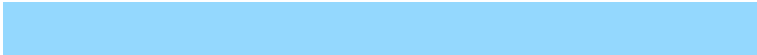
46, 73.814, 50.458



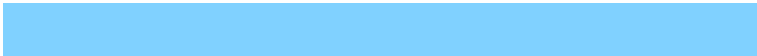
14, 27.854, 48.537

Inverse Universe

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



83, 27.897, 244.863



80, 32.698, 246.843



70, 49.435, 289.619



51, 4.098, 239.845



49, 43.803, 266.344



15, 18.632, 259.074

Previews

White Background



This preview shows how the CIELCh color 81, 35.147, 55.362 looks on a white background.

Color Contrast Check

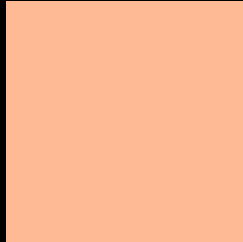
Large Text (above 18pt) WCAG AA × Fail

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 81, 35.147, 55.362 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 81, 35.147, 55.362

Background



This preview shows how black text looks on a background with the CIELCh color 81, 35.147, 55.362.



This preview shows how white text looks on a background with the CIELCh color 81, 35.147, 55.362.

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](#).

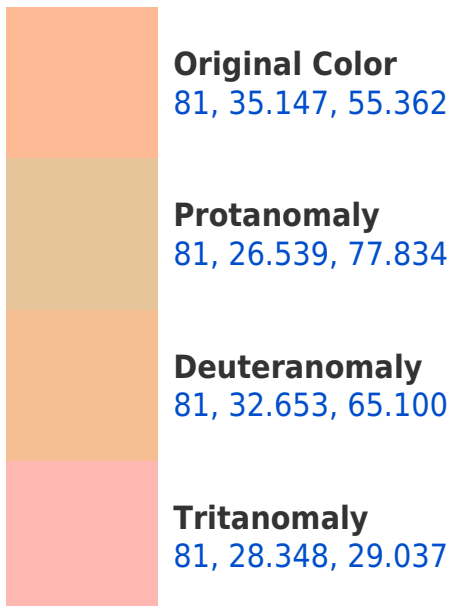
Dichromacy



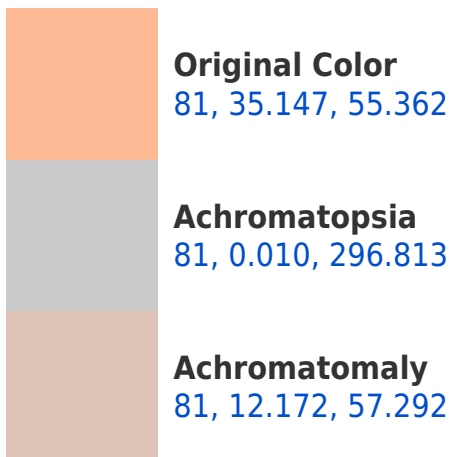


Tritanopia
81, 28.470, 9.139

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 35.147, 55.362 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, 186, 148)` looks like.

```
.text, #text, p{  
    color:rgb(254, 186, 148)  
}
```

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, 186, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 186, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 35.147, 55.362 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, 186, 148) }
```

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

```
.border{ border-color:rgb(254, 186, 148) }
```

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

Here you see how a box with a 4 pixel rgb(254, 186, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 186, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 186, 148);  
box-shadow:4px 4px 4px 4px rgb(254, 186,  
148) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 35.147, 55.362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 186, 148) }
```

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

```
.background{ background-color: rgb(254,  
186, 148) }
```

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