

# Converting Colors

CIELCh(92, 69.294, 38.654)

Have a look what the booklet for  
CIELCh(92, 69.294, 38.654) contains.

<b>CIELCh(81, 34.057, 53.482)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	20
<i><b>Color Blindness Simulation</b></i> .....	23
<i><b>CSS Examples</b></i> .....	26

# Color

**CIELCh(81, 34.057, 53.482)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEBA97
RGB	254, 186, 151
RGB Percent	100%, 73%, 59%
CMY	0.0039, 0.2702, 0.4073
CMYK	0.00, 0.27, 0.41, 0.00
HSL	20°, 98%, 79%
HSV	20°, 41%, 100%
XYZ	64.0546, 58.4711, 37.2436
YIQ	202.3420, 51.7630, 3.5310

# Conversions

## Conversions Part 2

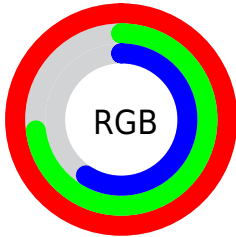
Format	Color
R <sub>Y</sub> B	254, 204, 151
Decimal	16693911
CIE Lab	81.00, 20.27, 27.37
CIE LCh	81, 34.057, 53.482
Yxy	58.4711, 0.4009, 0.3660
Android (android.graphics.Color)	4294883991 (0xFFFEBA97)
YUV	202.3420, -25.3116, 45.3041
Hunter-Lab	76.4664, 15.7103, 24.6488

# Details

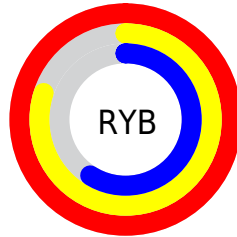
The CIELCh color **81, 34.057, 53.482** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **84, 26.908, 241.984**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 19.497, 94.153**, and **61, 33.919, 53.816** is the 20% darker color. If you saturate the color by 10%, you get **77, 44.055, 52.932**, and if you desaturate by 10%, it is **85, 24.708, 54.129**.

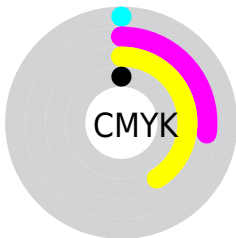
# Distribution



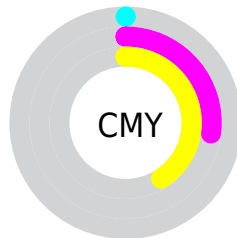
- Red (100%)
- Green (73%)
- Blue (59%)



- Red (100%)
- Yellow (80%)
- Blue (59%)



- Cyan (0%)
- Magenta (27%)
- Yellow (41%)
- Black (0%)



- Cyan (0%)
- Magenta (27%)
- Yellow (41%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 34.057, 53.482 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, 34.057, 53.482 by changing the saturation by 10% instead.



 81, 34.057, 53.482

 81, 34.057, 53.482

 100, 34.057,  
53.482

 71, 34.057, 53.482

 61, 34.057, 53.482

 51, 34.057, 53.482

 41, 34.057, 53.482

 31, 34.057, 53.482

 21, 34.057, 53.482

 11, 34.057, 53.482

 1, 34.057, 53.482

 0, 34.057, 53.482

81, 34.057, 53.482

81, 34.057, 53.482

77, 44.055, 52.932

85, 24.708, 54.129

73, 54.641, 52.459

90, 16.005, 54.839

69, 65.607, 52.022

95, 7.907, 55.583

65, 76.444, 51.477

99, 0.360, 54.870

62, 86.063, 50.473

100, 0.342,  
201.323

60, 92.903, 48.788

# Harmonies

# Complementary

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



81, 34.057, 53.482



84, 26.908, 241.984

# Rectangle

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



81, 34.057, 53.482



81, 34.057, 103.482



81, 34.057, 233.482



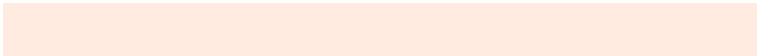
81, 34.057, 283.482

# Sweetspot

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



81, 34.056, 53.488



94, 9.111, 55.472



75, 51.017, 338.899



50, 6.072, 55.375



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, 34.056, 53.488



78, 42.647, 53.009



93, 43.984, 97.652



51, 4.278, 55.655



45, 74.580, 49.401



13, 28.061, 46.977





# Inverse Universe

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



84, 26.908, 241.984



81, 31.762, 243.886



71, 46.907, 288.531



51, 4.083, 237.477



50, 42.297, 263.319



16, 18.138, 256.073



# Previews

## White Background



This preview shows how the CIELCh color 81, 34.057, 53.482 looks on a white background.

## Color Contrast Check

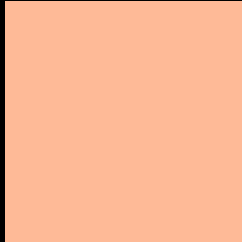
Large Text (above 18pt) WCAG AA × Fail

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, 34.057, 53.482 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

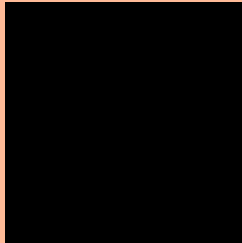
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# CIELCh 81, 34.057, 53.482

## Background



This preview shows how black text looks on a background with the CIELCh color 81, 34.057, 53.482.




This preview shows how white text looks on a background with the CIELCh color 81, 34.057, 53.482.

# 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



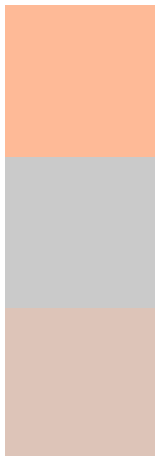
**Original Color**  
81, 34.102, 53.473

**Protanomaly**  
81, 25.152, 76.279

**Deuteranomaly**  
81, 31.079, 62.778

**Tritanomaly**  
81, 28.535, 26.944

# Monochromacy



**Original Color**  
81, 34.102, 53.473

**Achromatopsia**  
81, 0.010, 296.813

**Achromatomaly**  
81, 11.520, 53.298

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 81, 34.057, 53.482 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, 151)` looks like.

```
.text, #text, p{  
    color:rgb(254, 186, 151)  
}
```

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, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 186, 151) }
```

## Border

The CSS property to change the border of an element to CIELCh 81, 34.057, 53.482 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, 151) }
```

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

```
.border{ border-color:rgb(254, 186, 151) }
```

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, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 186, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 186, 151);  
box-shadow:4px 4px 4px 4px rgb(254, 186,  
151) }
```

# Background

The CSS property to change the background color of an element to CIELCh 81, 34.057, 53.482 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, 151) }
```

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

```
.background{ background-color: rgb(254,  
186, 151) }
```

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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