

# Converting Colors

CIELCh(81, 33.695, 53.205)

Have a look what the booklet for  
CIELCh(81, 33.695, 53.205) contains.

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# Color

**CIELCh(81, 33.762, 52.815)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEBA98
RGB	254, 186, 152
RGB Percent	100%, 73%, 60%
CMY	0.0038, 0.2705, 0.4038
CMYK	0.00, 0.27, 0.40, 0.00
HSL	20°, 98%, 80%
HSV	20°, 40%, 100%
XYZ	64.1156, 58.4711, 37.6225
YIQ	202.4560, 51.4420, 3.8420

# Conversions

## Conversions Part 2

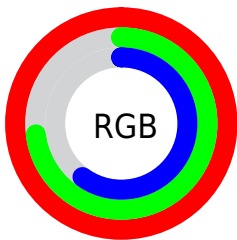
<b>Format</b>	<b>Color</b>
<b>RYB</b>	254, 203, 152
Decimal	16693912
CIELab	81.00, 20.41, 26.90
CIElCh	81, 33.762, 52.815
Yxy	58.4711, 0.4002, 0.3650
Android (android.graphics.Color)	4294883992 (0xFFFEBA98)
YUV	202.4560, -24.8748, 45.2041
Hunter-Lab	76.4664, 15.8526, 24.3550

# Details

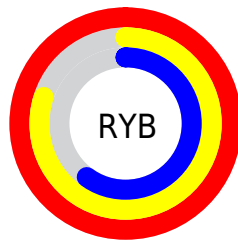
The CIELCh color **81, 33.762, 52.815** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **85, 26.628, 240.985**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 19.003, 93.828**, and **61, 33.549, 53.143** is the 20% darker color. If you saturate the color by 10%, you get **77, 43.767, 52.303**, and if you desaturate by 10%, it is **85, 24.414, 53.428**.

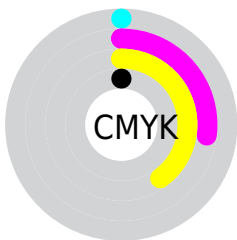
# Distribution



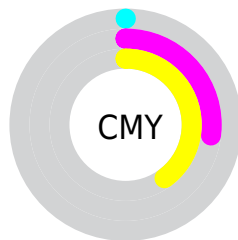
- Red (100%)
- Green (73%)
- Blue (60%)



- Red (100%)
- Yellow (80%)
- Blue (60%)



- Cyan (0%)
- Magenta (27%)
- Yellow (40%)
- Black (0%)



- Cyan (0%)
- Magenta (27%)
- Yellow (40%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 33.762, 52.815 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, 33.762, 52.815 by changing the saturation by 10% instead.



 81, 33.762, 52.815

 81, 33.762, 52.815

 100, 33.762,  
52.815

 71, 33.762, 52.815

 61, 33.762, 52.815

 51, 33.762, 52.815

 41, 33.762, 52.815

 31, 33.762, 52.815

 21, 33.762, 52.815

 11, 33.762, 52.815

 1, 33.762, 52.815

 0, 33.762, 52.815

81, 33.762, 52.815

81, 33.762, 52.815

77, 43.767, 52.303

85, 24.414, 53.428

73, 54.374, 51.875

90, 15.719, 54.109

69, 65.382, 51.494

95, 7.635, 54.823

65, 76.297, 51.019

100, 0.107, 50.210

62, 86.053, 50.108

100, 0.338,  
201.342

59, 93.245, 48.439

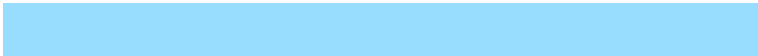
# Harmonies

# Complementary

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



81, 33.762, 52.815



85, 26.628, 240.985

# Rectangle

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



81, 33.762, 52.815



81, 33.762, 102.815



81, 33.762, 232.815



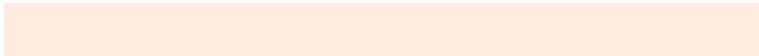
81, 33.762, 282.815

# Sweetspot

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



81, 33.761, 52.821



94, 9.112, 54.692



75, 50.597, 338.866



50, 6.073, 54.598



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, 33.761, 52.821



78, 41.689, 52.406



93, 43.612, 97.694



51, 4.278, 54.868



45, 74.850, 49.045



13, 28.137, 46.442





# Inverse Universe

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



85, 26.628, 240.985



82, 31.108, 242.687



71, 46.474, 288.459



51, 4.080, 236.643



51, 41.797, 262.216



16, 17.976, 254.990



# Previews

## White Background



This preview shows how the CIELCh color 81, 33.762, 52.815 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, 33.762, 52.815 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, 33.762, 52.815

## Background



This preview shows how black text looks on a background with the CIELCh color 81, 33.762, 52.815.

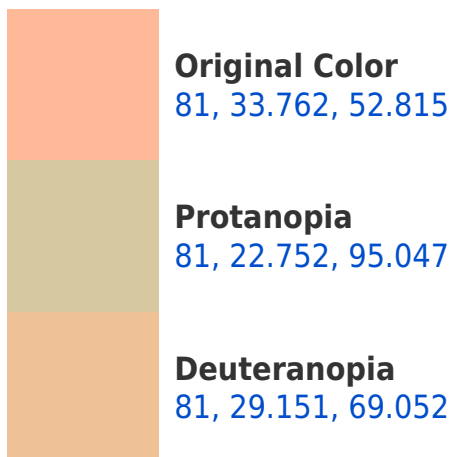



This preview shows how white text looks on a background with the CIELCh color 81, 33.762, 52.815.

# 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



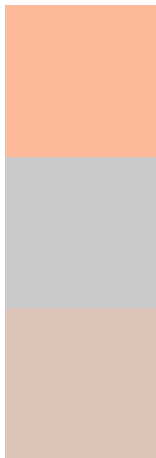
**Original Color**  
81, 33.762, 52.815

**Protanomaly**  
81, 25.152, 76.279

**Deuteranomaly**  
81, 30.684, 62.160

**Tritanomaly**  
81, 28.425, 25.917

# Monochromacy



**Original Color**  
81, 33.762, 52.815

**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, 33.762, 52.815 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, 152)` looks like.

```
.text, #text, p{  
    color:rgb(254, 186, 152)  
}
```

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, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 186, 152) }
```

## Border

The CSS property to change the border of an element to CIELCh 81, 33.762, 52.815 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, 152) }
```

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

```
.border{ border-color:rgb(254, 186, 152) }
```

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, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 186, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 186, 152);  
box-shadow:4px 4px 4px 4px rgb(254, 186,  
152) }
```

# Background

The CSS property to change the background color of an element to CIELCh 81, 33.762, 52.815 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, 152) }
```

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

```
.background{ background-color: rgb(254,  
186, 152) }
```

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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