

Converting Colors

CIELCh(81, 38.365, 57.927)

Have a look what the booklet for
CIELCh(81, 38.365, 57.927) contains.

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Color

CIELCh(81, 38.064, 58.923)

Conversions

Conversions Part 1

Format	Color
Hex	FFBA8D
RGB	255, 186, 141
RGB Percent	100%, 73%, 55%
CMY	0.0000, 0.2695, 0.4461
CMYK	0.00, 0.27, 0.45, 0.00
HSL	24°, 100%, 78%
HSV	24°, 45%, 100%
XYZ	63.7840, 58.4711, 33.2198
YIQ	201.5010, 55.5690, 0.6330

Conversions

Conversions Part 2

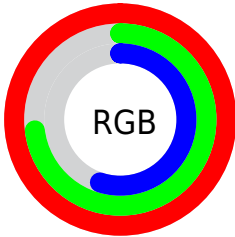
Format	Color
R _Y B	255, 215, 141
Decimal	16759437
CIE Lab	81.00, 19.65, 32.60
CIE LCh	81, 38.064, 58.923
Yxy	58.4711, 0.4103, 0.3761
Android (android.graphics.Color)	4294949517 (0xFFFFBA8D)
YUV	201.5010, -29.8270, 46.9186
Hunter-Lab	76.4664, 15.0786, 27.7687

Details

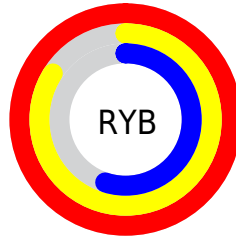
The CIELCh color **81, 38.064, 58.923** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **81, 30.471, 250.674**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 24.459, 96.586**, and **61, 38.197, 59.277** is the 20% darker color. If you saturate the color by 10%, you get **77, 47.993, 58.174**, and if you desaturate by 10%, it is **85, 28.494, 59.942**.

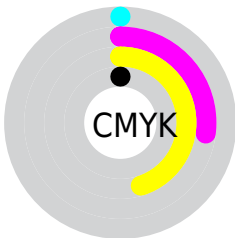
Distribution



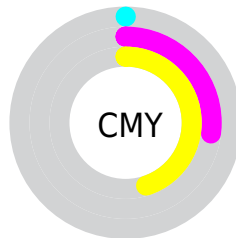
- Red (100%)
- Green (73%)
- Blue (55%)



- Red (100%)
- Yellow (84%)
- Blue (55%)



- Cyan (0%)
- Magenta (27%)
- Yellow (45%)
- Black (0%)



- Cyan (0%)
- Magenta (27%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 38.064, 58.923 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, 38.064, 58.923 by changing the saturation by 10% instead.

 81, 38.064, 58.923

 81, 38.064, 58.923

 100, 38.064,
58.923

 71, 38.064, 58.923

 61, 38.064, 58.923

 51, 38.064, 58.923

 41, 38.064, 58.923

 31, 38.064, 58.923

 21, 38.064, 58.923

 11, 38.064, 58.923

 1, 38.064, 58.923

 0, 38.064, 58.923

81, 38.064, 58.923

81, 38.064, 58.923

77, 47.993, 58.174

85, 28.494, 59.942

73, 58.447, 57.331

89, 19.599, 60.889

70, 69.005, 56.423

94, 11.261, 61.858

67, 78.946, 55.242

98, 3.439, 62.759

64, 86.952, 53.370

100, 0.012,
296.813

62, 90.298, 52.087

Harmonies

Complementary

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



81, 38.064, 58.923



81, 30.471, 250.674

Rectangle

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



81, 38.064, 58.923



81, 38.064, 108.923



81, 38.064, 238.923



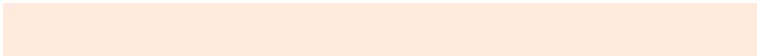
81, 38.064, 288.923

Sweetspot

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



81, 37.968, 59.037



94, 9.970, 62.013



73, 54.314, 341.784



49, 7.026, 61.800



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, 37.968, 59.037



77, 47.369, 58.226



95, 50.679, 100.083



51, 4.311, 62.344



47, 72.312, 52.763



14, 27.498, 51.815

Inverse Universe

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



81, 30.471, 250.674



78, 36.021, 253.219



67, 55.497, 291.809



51, 4.148, 244.514



47, 47.142, 271.888



14, 19.759, 264.682

Previews

White Background



This preview shows how the CIELCh color 81, 38.064, 58.923 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, 38.064, 58.923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

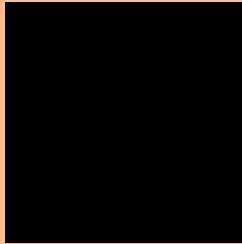
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 38.064, 58.923

Background



This preview shows how black text looks on a background with the CIELCh color 81, 38.064, 58.923.

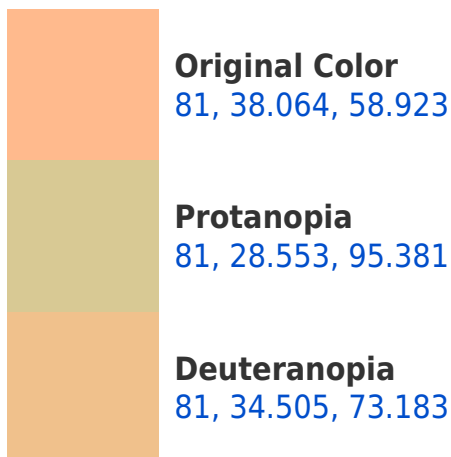


This preview shows how white text looks on a background with the CIELCh color 81, 38.064, 58.923.

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



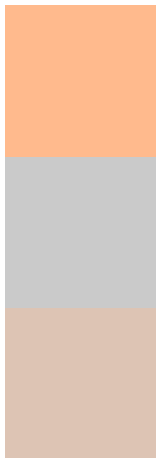
Original Color
81, 38.064, 58.923

Protanomaly
81, 30.036, 80.138

Deuteranomaly
81, 35.588, 68.569

Tritanomaly
81, 28.636, 31.055

Monochromacy



Original Color
81, 38.064, 58.923

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 12.879, 60.853

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 38.064, 58.923 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, 186, 141)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 141)  
}
```

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, 186, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 38.064, 58.923 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, 186, 141) }
```

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

```
.border{ border-color:rgb(255, 186, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 141);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 38.064, 58.923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 141) }
```

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

```
.background{ background-color: rgb(255,  
186, 141) }
```

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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