

Converting Colors

CIELCh(82, 44.786, 57.548)

Have a look what the booklet for
CIELCh(82, 44.786, 57.548) contains.

CIELCh(81, 40.788, 62.282)	3
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Color

CIELCh(81, 40.788, 62.282)

Conversions

Conversions Part 1

Format	Color
Hex	FFBB87
RGB	255, 187, 135
RGB Percent	100%, 73%, 53%
CMY	0.0000, 0.2683, 0.4724
CMYK	0.00, 0.27, 0.47, 0.00
HSL	26°, 100%, 76%
HSV	26°, 47%, 100%
XYZ	63.4886, 58.4711, 30.6913
YIQ	201.4040, 57.2200, -1.7560

Conversions

Conversions Part 2

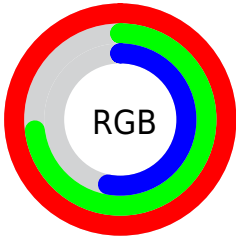
Format	Color
R _Y B	255, 227, 135
Decimal	16759687
CIE Lab	81.00, 18.97, 36.11
CIE LCh	81, 40.788, 62.282
Yxy	58.4711, 0.4159, 0.3830
Android (android.graphics.Color)	4294949767 (0xFFFFBB87)
YUV	201.4040, -32.7372, 47.0037
Hunter-Lab	76.4664, 14.3889, 29.7293

Details

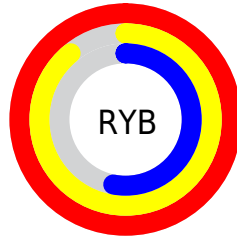
The CIELCh color **81, 40.788, 62.282** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **79, 33.170, 256.124**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 27.851, 98.481**, and **61, 40.687, 63.013** is the 20% darker color. If you saturate the color by 10%, you get **77, 50.583, 61.485**, and if you desaturate by 10%, it is **85, 31.054, 63.589**.

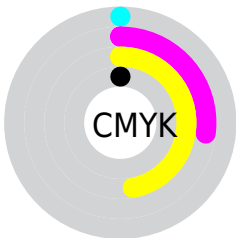
Distribution



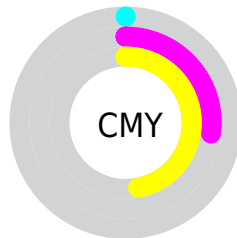
- Red (100%)
- Green (73%)
- Blue (53%)



- Red (100%)
- Yellow (89%)
- Blue (53%)



- Cyan (0%)
- Magenta (27%)
- Yellow (47%)
- Black (0%)



- Cyan (0%)
- Magenta (27%)
- Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 40.788, 62.282 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, 40.788, 62.282 by changing the saturation by 10% instead.

 81, 40.788, 62.282

 81, 40.788, 62.282

 100, 40.788,
62.282

 71, 40.788, 62.282

 61, 40.788, 62.282

 51, 40.788, 62.282

 41, 40.788, 62.282

 31, 40.788, 62.282

 21, 40.788, 62.282

 11, 40.788, 62.282

 1, 40.788, 62.282

 0, 40.788, 62.282

81, 40.788, 62.282

81, 40.788, 62.282

77, 50.583, 61.485

85, 31.054, 63.589

74, 60.862, 60.415

89, 22.038, 64.669

70, 71.002, 59.212

93, 13.537, 65.759

67, 80.133, 57.628

97, 5.519, 66.817

64, 86.915, 55.245

100, 0.012,
296.813

64, 88.518, 54.544

Harmonies

Complementary

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



81, 40.788, 62.282



79, 33.170, 256.124

Rectangle

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



81, 40.788, 62.282



81, 40.788, 112.282



81, 40.788, 242.282



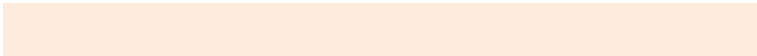
81, 40.788, 292.282

Sweetspot

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



81, 40.587, 62.529



94, 10.889, 66.110



71, 56.136, 343.862



49, 7.565, 65.876



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, 40.587, 62.529



77, 50.339, 61.510



95, 55.114, 101.603



51, 4.364, 66.587



49, 70.929, 55.243



15, 27.236, 55.176

Inverse Universe

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



79, 33.170, 256.124



75, 39.262, 259.000



64, 61.464, 293.824



51, 4.222, 248.926



45, 50.753, 276.661



13, 21.015, 269.627

Previews

White Background



This preview shows how the CIELCh color 81, 40.788, 62.282 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, 40.788, 62.282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

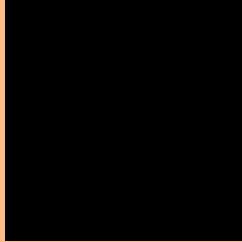
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 40.788, 62.282

Background



This preview shows how black text looks on a background with the CIELCh color 81, 40.788, 62.282.




This preview shows how white text looks on a background with the CIELCh color 81, 40.788, 62.282.

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, 28.939, 8.336

Trichromacy



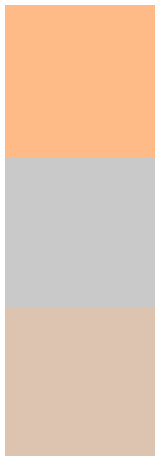
Original Color
81, 40.416, 62.691

Protanomaly
81, 33.564, 81.869

Deuteranomaly
81, 38.623, 69.202

Tritanomaly
81, 29.398, 32.906

Monochromacy



Original Color
81, 40.416, 62.691

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 14.024, 65.471

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 40.788, 62.282 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, 187, 135)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 135)  
}
```

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, 187, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 40.788, 62.282 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, 187, 135) }
```

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

```
.border{ border-color:rgb(255, 187, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 187, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 135);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 40.788, 62.282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 135) }
```

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

```
.background{ background-color: rgb(255,  
187, 135) }
```

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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