

Converting Colors

CIELCh(100, 99.604, 40.921)

Have a look what the booklet for
CIELCh(100, 99.604, 40.921)
contains.

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Color

CIELCh(81, 41.961, 62.745)

Conversions

Conversions Part 1

Format	Color
Hex	FFBA84
RGB	255, 186, 132
RGB Percent	100%, 73%, 52%
CMY	0.0000, 0.2693, 0.4813
CMYK	0.00, 0.27, 0.48, 0.00
HSL	26°, 100%, 76%
HSV	26°, 48%, 100%
XYZ	63.5953, 58.4711, 29.8599
YIQ	200.4750, 58.4580, -2.1660

Conversions

Conversions Part 2

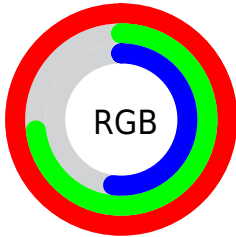
Format	Color
R _Y B	255, 228, 132
Decimal	16759428
CIE Lab	81.00, 19.22, 37.30
CIE LCh	81, 41.961, 62.745
Yxy	58.4711, 0.4186, 0.3849
Android (android.graphics.Color)	4294949508 (0xFFFFBA84)
YUV	200.4750, -33.7582, 47.8184
Hunter-Lab	76.4664, 14.6381, 30.3739

Details

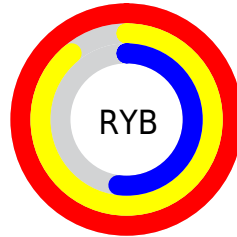
The CIELCh color **81, 41.961, 62.745** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **78, 34.043, 257.461**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 28.935, 97.939**, and **61, 41.944, 63.406** is the 20% darker color. If you saturate the color by 10%, you get **77, 51.486, 62.231**, and if you desaturate by 10%, it is **85, 31.932, 64.409**.

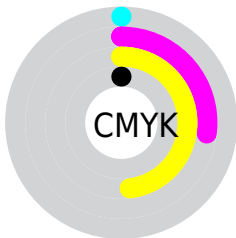
Distribution



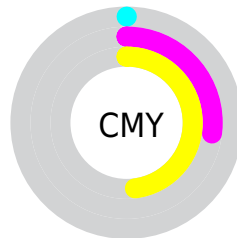
- Red (100%)
- Green (73%)
- Blue (52%)



- Red (100%)
- Yellow (89%)
- Blue (52%)



- Cyan (0%)
- Magenta (27%)
- Yellow (48%)
- Black (0%)



- Cyan (0%)
- Magenta (27%)
- Yellow (48%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 41.961, 62.745 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, 41.961, 62.745 by changing the saturation by 10% instead.

 81, 41.961, 62.745

 81, 41.961, 62.745

 100, 41.961,
62.745

 71, 41.961, 62.745

 61, 41.961, 62.745

 51, 41.961, 62.745

 41, 41.961, 62.745

 31, 41.961, 62.745

 21, 41.961, 62.745

 11, 41.961, 62.745

 1, 41.961, 62.745

 0, 41.961, 62.745

81, 41.961, 62.745

81, 41.961, 62.745

77, 51.486, 62.231

85, 31.932, 64.409

74, 61.716, 61.108

89, 22.873, 65.518

70, 71.724, 59.830

93, 14.318, 66.634

67, 80.591, 58.137

97, 6.238, 67.723

65, 87.040, 55.639

100, 0.012,
296.813

64, 88.113, 55.163

Harmonies

Complementary

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



81, 41.961, 62.745



78, 34.043, 257.461

Rectangle

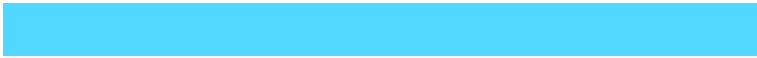
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81, 41.961, 62.745



81, 41.961, 112.745



81, 41.961, 242.745



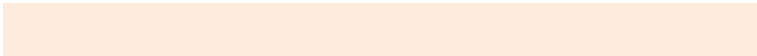
81, 41.961, 292.745

Sweetspot

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



81, 41.492, 63.316



94, 10.925, 67.092



71, 56.553, 344.899



49, 7.590, 66.853



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, 41.492, 63.316



77, 51.354, 62.245



96, 56.910, 102.375



51, 4.380, 67.579



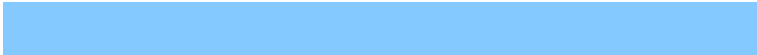
49, 70.617, 55.866



15, 27.188, 55.997

Inverse Universe

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



78, 34.043, 257.461



74, 40.287, 260.432



63, 63.967, 294.700



51, 4.243, 249.951



45, 51.659, 277.713



13, 21.335, 270.730

Previews

White Background



This preview shows how the CIELCh color 81, 41.961, 62.745 looks on a white background.

Color Contrast Check

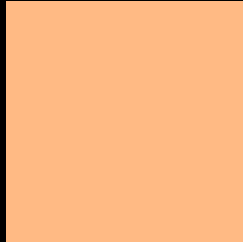
Large Text (above 18pt) WCAG AA × Fail

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, 41.961, 62.745 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

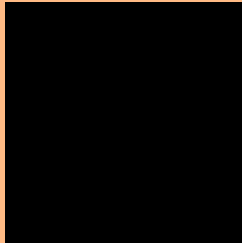
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 41.961, 62.745

Background



This preview shows how black text looks on a background with the CIELCh color 81, 41.961, 62.745.



This preview shows how white text looks on a background with the CIELCh color 81, 41.961, 62.745.

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



Original Color


81, 41.589, 63.149

Protanopia

81, 33.713, 95.949

Deuteranopia

81, 38.892, 74.513



Tritanopia
81, 28.878, 9.365

Trichromacy



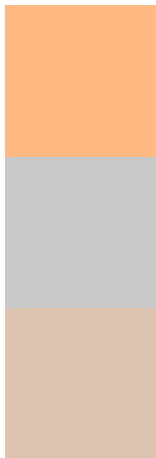
Original Color
81, 41.589, 63.149

Protanomaly
81, 34.998, 82.742

Deuteranomaly
81, 39.922, 70.349

Tritanomaly
81, 29.574, 33.861

Monochromacy



Original Color
81, 41.589, 63.149

Achromatopsia
81, 0.010, 296.813

Achromatomaly
81, 14.425, 66.838

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 41.961, 62.745 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, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 132)  
}
```

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, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 132) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 41.961, 62.745 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, 132) }
```

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

```
.border{ border-color:rgb(255, 186, 132) }
```

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, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
132) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 41.961, 62.745 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, 132) }
```

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

```
.background{ background-color: rgb(255,  
186, 132) }
```

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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