

Converting Colors

CIELCh(81, 44.916, 67.258)

Have a look what the booklet for
CIELCh(81, 44.916, 67.258) contains.

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Color

CIELCh(81, 44.936, 67.013)

Conversions

Conversions Part 1

Format	Color
Hex	FFBB7C
RGB	255, 187, 124
RGB Percent	100%, 73%, 49%
CMY	0.0000, 0.2654, 0.5125
CMYK	0.00, 0.27, 0.51, 0.00
HSL	29°, 100%, 74%
HSV	29°, 51%, 100%
XYZ	62.8706, 58.4711, 27.1440
YIQ	200.1500, 60.7510, -5.1770

Conversions

Conversions Part 2

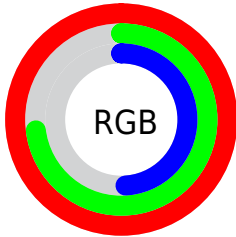
Format	Color
R _Y B	255, 245, 124
Decimal	16759676
CIE Lab	81.00, 17.55, 41.37
CIE LCh	81, 44.936, 67.013
Yxy	58.4711, 0.4234, 0.3938
Android (android.graphics.Color)	4294949756 (0xFFFFBB7C)
YUV	200.1500, -37.5419, 48.1035
Hunter-Lab	76.4664, 12.9463, 32.4797

Details

The CIELCh color **81, 44.936, 67.013** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **76, 37.858, 263.408**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 33.814, 99.578**, and **61, 44.653, 67.223** is the 20% darker color. If you saturate the color by 10%, you get **78, 54.736, 65.891**, and if you desaturate by 10%, it is **84, 35.211, 68.400**.

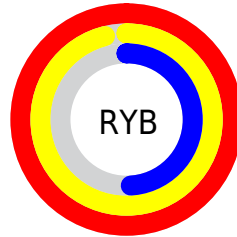
Distribution



Red (100%)

Green (73%)

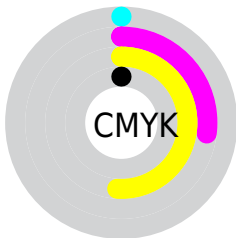
Blue (49%)



Red (100%)

Yellow (96%)

Blue (49%)

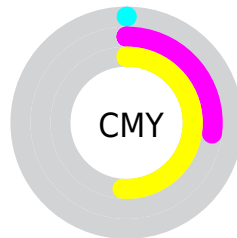


Cyan (0%)

Magenta (27%)

Yellow (51%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 44.936, 67.013 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, 44.936, 67.013 by changing the saturation by 10% instead.

81, 44.936, 67.013

81, 44.936, 67.013

100, 44.936,
67.013

71, 44.936, 67.013

61, 44.936, 67.013

51, 44.936, 67.013

41, 44.936, 67.013

31, 44.936, 67.013

21, 44.936, 67.013

11, 44.936, 67.013

1, 44.936, 67.013

0, 44.936, 67.013

81, 44.936, 67.013

81, 44.936, 67.013

78, 54.736, 65.891

84, 35.211, 68.400

74, 64.650, 64.534

88, 26.003, 69.633

71, 73.966, 62.939

92, 17.234, 70.860

68, 81.615, 60.809

96, 8.896, 72.061

66, 86.292, 58.342

100, 0.958, 72.843

100, 0.012,
296.813

Harmonies

Complementary

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



81, 44.936, 67.013



76, 37.858, 263.408

Rectangle

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



81, 44.936, 67.013



81, 44.936, 117.013



81, 44.936, 247.013



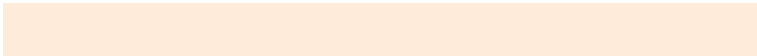
81, 44.936, 297.013

Sweetspot

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



81, 44.828, 67.159



94, 11.974, 71.616



69, 58.771, 347.263



49, 8.213, 71.362



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, 44.828, 67.159



77, 55.484, 65.794



97, 62.063, 103.730



51, 4.476, 72.264



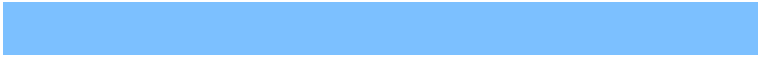
50, 69.219, 59.053



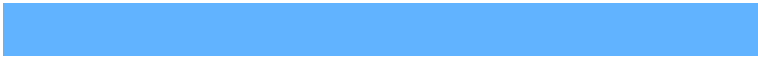
16, 27.034, 60.060

Inverse Universe

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



76, 37.858, 263.408



71, 45.228, 266.870



59, 71.208, 296.659



51, 4.364, 254.761



42, 56.255, 282.388



12, 22.984, 275.696

Previews

White Background



This preview shows how the CIELCh color 81, 44.936, 67.013 looks on a white background.

Color Contrast Check

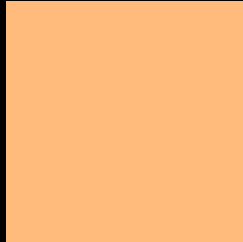
Large Text (above 18pt) WCAG AA × Fail

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, 44.936, 67.013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

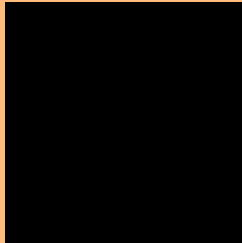
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 44.936, 67.013

Background



This preview shows how black text looks on a background with the CIELCh color 81, 44.936, 67.013.



This preview shows how white text looks on a background with the CIELCh color 81, 44.936, 67.013.

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, 28.878, 9.365

Trichromacy



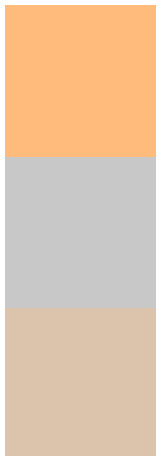
Original Color
81, 44.936, 67.013

Protanomaly
81, 39.015, 84.123

Deuteranomaly
81, 43.700, 72.568

Tritanomaly
81, 30.155, 36.650

Monochromacy



Original Color
81, 44.936, 67.013

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 15.690, 70.482

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 44.936, 67.013 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, 124)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 124)  
}
```

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, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 124) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 44.936, 67.013 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, 124) }
```

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

```
.border{ border-color:rgb(255, 187, 124) }
```

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, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 124);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
124) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 44.936, 67.013 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, 124) }
```

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

```
.background{ background-color: rgb(255,  
187, 124) }
```

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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