

Converting Colors

CIELCh(81, 31.018, 39.325)

Have a look what the booklet for
CIELCh(81, 31.018, 39.325) contains.

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Color

CIELCh(81, 30.376, 39.530)

Conversions

Conversions Part 1

Format	Color
Hex	FFB8A6
RGB	255, 184, 166
RGB Percent	100%, 72%, 65%
CMY	0.0000, 0.2774, 0.3480
CMYK	0.00, 0.28, 0.35, 0.00
HSL	12°, 100%, 83%
HSV	12°, 35%, 100%
XYZ	65.4509, 58.4711, 44.0394
YIQ	203.1770, 48.0940, 9.4540

Conversions

Conversions Part 2

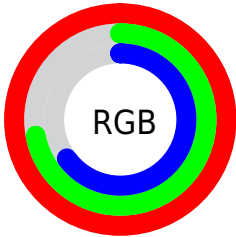
Format	Color
R _Y B	255, 189, 166
Decimal	16758950
CIE Lab	81.00, 23.43, 19.33
CIE LCh	81, 30.376, 39.530
Yxy	58.4711, 0.3897, 0.3481
Android (android.graphics.Color)	4294949030 (0xFFFFB8A6)
YUV	203.1770, -18.3283, 45.4488
Hunter-Lab	76.4664, 18.9697, 19.3795

Details

The CIELCh color **81, 30.376, 39.530** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 23.600, 221.688**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 11.162, 79.769**, and **61, 30.102, 40.172** is the 20% darker color. If you saturate the color by 10%, you get **76, 40.610, 39.898**, and if you desaturate by 10%, it is **86, 20.672, 39.484**.

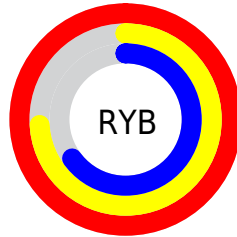
Distribution



Red (100%)

Green (72%)

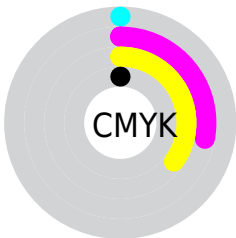
Blue (65%)



Red (100%)

Yellow (74%)

Blue (65%)

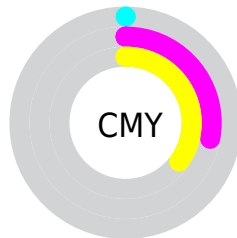


Cyan (0%)

Magenta (28%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 30.376, 39.530 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, 30.376, 39.530 by changing the saturation by 10% instead.

81, 30.376, 39.530

81, 30.376, 39.530

100, 30.376,
39.530

71, 30.376, 39.530

61, 30.376, 39.530

51, 30.376, 39.530

41, 30.376, 39.530

31, 30.376, 39.530

21, 30.376, 39.530

11, 30.376, 39.530

1, 30.376, 39.530

0, 30.376, 39.530

81, 30.376, 39.530

81, 30.376, 39.530

76, 40.610, 39.898

86, 20.672, 39.484

71, 51.689, 40.419

92, 11.829, 39.504

67, 63.361, 41.176

97, 3.679, 39.541

63, 75.299, 42.115

100, 0.012,
296.813

59, 86.754, 43.007

57, 96.105, 43.264

56, 99.759, 43.120

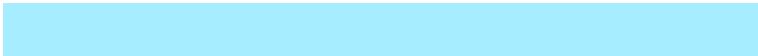
Harmonies

Complementary

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



81, 30.376, 39.530



90, 23.600, 221.688

Rectangle

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



81, 30.376, 39.530



81, 30.376, 89.530



81, 30.376, 219.530



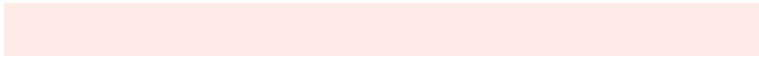
81, 30.376, 269.530

Sweetspot

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



81, 30.260, 39.599



94, 7.835, 39.540



79, 48.349, 332.809



50, 5.377, 39.530



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, 30.260, 39.599



77, 37.638, 39.794



92, 33.673, 89.220



50, 4.446, 39.544



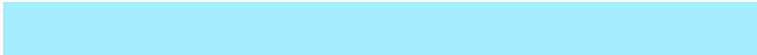
42, 79.893, 43.535



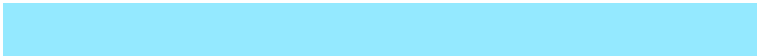
12, 29.937, 37.342

Inverse Universe

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



90, 23.600, 221.688



88, 27.603, 222.415



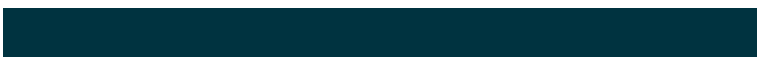
78, 33.918, 279.263



52, 4.188, 220.204



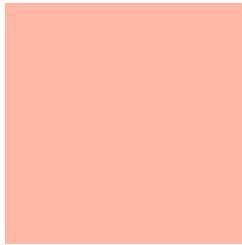
58, 35.451, 236.321



19, 16.160, 230.975

Previews

White Background



This preview shows how the CIELCh color 81, 30.376, 39.530 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 CIE LCh color 81, 30.376, 39.530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

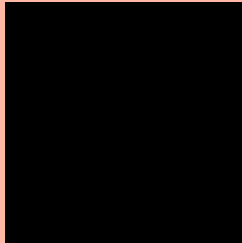
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 30.376, 39.530

Background



This preview shows how black text looks on a background with the CIELCh color 81, 30.376, 39.530.



This preview shows how white text looks on a background with the CIELCh color 81, 30.376, 39.530.

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, 30.376, 39.530

Protanopia

81, 14.779, 93.709

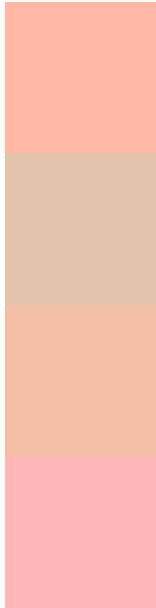
Deuteranopia

81, 22.335, 63.157



Tritanopia
81, 28.939, 8.336

Trichromacy



Original Color
81, 30.376, 39.530

Protanomaly
81, 17.997, 64.590

Deuteranomaly
81, 24.953, 52.371

Tritanomaly
81, 28.405, 19.687

Monochromacy



Original Color
81, 30.376, 39.530

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 10.370, 37.830

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 30.376, 39.530 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, 184, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 166)  
}
```

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, 184, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 30.376, 39.530 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, 184, 166) }
```

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

```
.border{ border-color:rgb(255, 184, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 30.376, 39.530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 166) }
```

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

```
.background{ background-color: rgb(255,  
184, 166) }
```

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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