

Converting Colors

CIELCh(94, 74.662, 33.507)

Have a look what the booklet for
CIELCh(94, 74.662, 33.507) contains.

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Color

CIELCh(81, 31.360, 42.937)

Conversions

Conversions Part 1

Format	Color
Hex	FFB8A2
RGB	255, 184, 162
RGB Percent	100%, 72%, 64%
CMY	0.0000, 0.2765, 0.3628
CMYK	0.00, 0.28, 0.36, 0.00
HSL	14°, 100%, 82%
HSV	14°, 36%, 100%
XYZ	65.2421, 58.4711, 42.2522
YIQ	202.7210, 49.3780, 8.2100

Conversions

Conversions Part 2

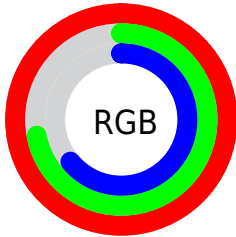
Format	Color
R _Y B	255, 191, 162
Decimal	16758946
CIE Lab	81.00, 22.96, 21.36
CIE LCh	81, 31.360, 42.937
Yxy	58.4711, 0.3931, 0.3523
Android (android.graphics.Color)	4294949026 (0xFFFFB8A2)
YUV	202.7210, -20.0755, 45.8487
Hunter-Lab	76.4664, 18.4823, 20.7652

Details

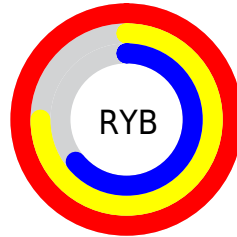
The CIELCh color **81, 31.360, 42.937** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89, 24.210, 226.707**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 12.997, 83.952**, and **61, 31.213, 43.713** is the 20% darker color. If you saturate the color by 10%, you get **76, 41.409, 43.161**, and if you desaturate by 10%, it is **86, 21.646, 43.157**.

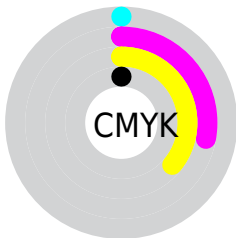
Distribution



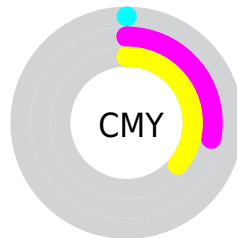
- Red (100%)
- Green (72%)
- Blue (64%)



- Red (100%)
- Yellow (75%)
- Blue (64%)



- Cyan (0%)
- Magenta (28%)
- Yellow (36%)
- Black (0%)



- Cyan (0%)
- Magenta (28%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 31.360, 42.937 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, 31.360, 42.937 by changing the saturation by 10% instead.

81, 31.360, 42.937

81, 31.360, 42.937

100, 31.360,
42.937

71, 31.360, 42.937

61, 31.360, 42.937

51, 31.360, 42.937

41, 31.360, 42.937

31, 31.360, 42.937

21, 31.360, 42.937

11, 31.360, 42.937

1, 31.360, 42.937

0, 31.360, 42.937

81, 31.360, 42.937

81, 31.360, 42.937

76, 41.409, 43.161

86, 21.646, 43.157

71, 52.378, 43.429

91, 12.867, 43.356

67, 63.920, 43.882

97, 4.767, 43.593

63, 75.676, 44.443

100, 0.012,
296.813

60, 86.813, 44.847

57, 95.621, 44.485

57, 98.250, 44.250

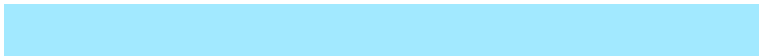
Harmonies

Complementary

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



81, 31.360, 42.937



89, 24.210, 226.707

Rectangle

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



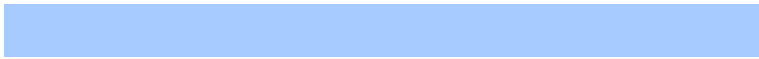
81, 31.360, 42.937



81, 31.360, 92.937



81, 31.360, 222.937



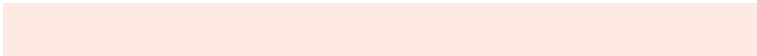
81, 31.360, 272.937

Sweetspot

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



81, 31.153, 43.079



94, 8.507, 43.490



78, 49.220, 334.208



49, 5.747, 43.455



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, 31.153, 43.079



77, 39.002, 43.127



92, 36.161, 91.524



50, 4.370, 43.527



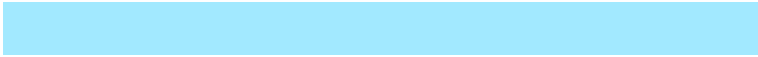
43, 78.651, 44.723



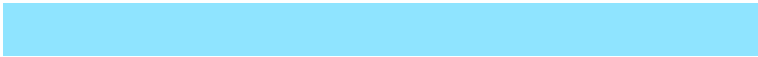
12, 29.423, 39.478

Inverse Universe

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



89, 24.210, 226.707



86, 28.418, 227.743



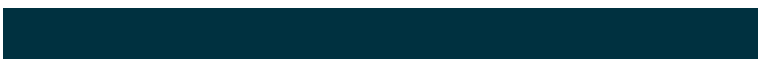
76, 36.953, 281.845



52, 4.127, 224.506



56, 36.412, 243.853



18, 16.370, 237.713

Previews

White Background



This preview shows how the CIELCh color 81, 31.360, 42.937 looks on a white background.

Color Contrast Check

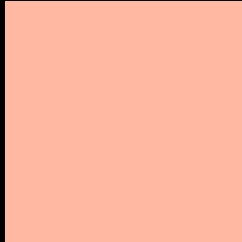
Large Text (above 18pt) WCAG AA × Fail

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, 31.360, 42.937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

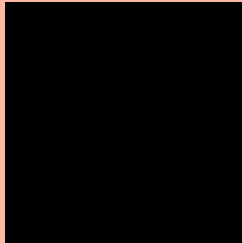
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 31.360, 42.937

Background



This preview shows how black text looks on a background with the CIELCh color 81, 31.360, 42.937.



This preview shows how white text looks on a background with the CIELCh color 81, 31.360, 42.937.

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, 31.360, 42.937

Protanopia

81, 16.926, 94.019

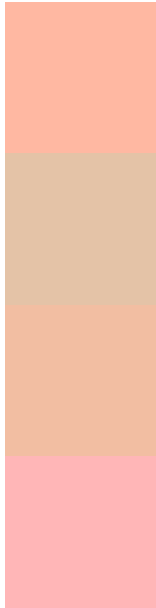
Deuteranopia

81, 24.145, 64.276



Tritanopia
81, 28.939, 8.336

Trichromacy



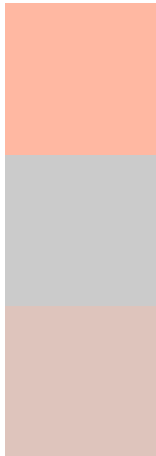
Original Color
81, 31.360, 42.937

Protanomaly
81, 19.899, 67.709

Deuteranomaly
81, 25.954, 55.069

Tritanomaly
81, 28.456, 20.736

Monochromacy



Original Color
81, 31.360, 42.937

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 10.780, 43.081

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 31.360, 42.937 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 31.360, 42.937 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, 162) }
```

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

```
.border{ border-color:rgb(255, 184, 162) }
```

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, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 162);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 31.360, 42.937 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, 162) }
```

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

```
.background{ background-color: rgb(255,  
184, 162) }
```

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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