

Converting Colors

CIELCh(87, 48.611, 28.949)

Have a look what the booklet for
CIELCh(87, 48.611, 28.949) contains.

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Color

CIELCh(81, 28.200, 31.153)

Conversions

Conversions Part 1

Format	Color
Hex	FEB8AF
RGB	254, 184, 175
RGB Percent	100%, 72%, 69%
CMY	0.0040, 0.2782, 0.3134
CMYK	0.00, 0.28, 0.31, 0.00
HSL	7°, 97%, 84%
HSV	7°, 31%, 100%
XYZ	65.7647, 58.4711, 48.4155
YIQ	203.9040, 44.6090, 12.0410

Conversions

Conversions Part 2

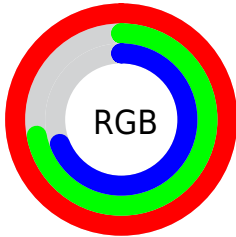
Format	Color
R _Y B	254, 185, 175
Decimal	16693423
CIE Lab	81.00, 24.13, 14.59
CIE LCh	81, 28.200, 31.153
Yxy	58.4711, 0.3809, 0.3387
Android (android.graphics.Color)	4294883503 (0xFFFE8AF)
YUV	203.9040, -14.2497, 43.9342
Hunter-Lab	76.4664, 19.7022, 15.9864

Details

The CIELCh color **81, 28.200, 31.153** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **92, 22.519, 210.064**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 7.103, 59.880**, and **61, 28.124, 31.211** is the 20% darker color. If you saturate the color by 10%, you get **75, 38.823, 31.964**, and if you desaturate by 10%, it is **87, 18.338, 30.593**.

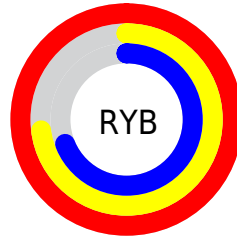
Distribution



Red (100%)

Green (72%)

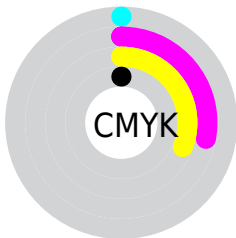
Blue (69%)



Red (100%)

Yellow (73%)

Blue (69%)

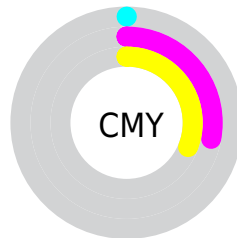


Cyan (0%)

Magenta (28%)

Yellow (31%)

Black (0%)



Cyan (0%)

Magenta (28%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 28.200, 31.153 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, 28.200, 31.153 by changing the saturation by 10% instead.

81, 28.200, 31.153

81, 28.200, 31.153

100, 28.200,
31.153

71, 28.200, 31.153

61, 28.200, 31.153

51, 28.200, 31.153

41, 28.200, 31.153

31, 28.200, 31.153

21, 28.200, 31.153

11, 28.200, 31.153

1, 28.200, 31.153

0, 28.200, 31.153

81, 28.200, 31.153

81, 28.200, 31.153

75, 38.823, 31.964

87, 18.338, 30.593

70, 50.156, 33.076

93, 9.237, 30.193

65, 62.045, 34.550

99, 0.855, 29.267

61, 74.194, 36.396

100, 0.353,
201.260

58, 86.012, 38.474

55, 96.209, 40.278

54, 102.409,
41.124

Harmonies

Complementary

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



81, 28.200, 31.153



92, 22.519, 210.064

Rectangle

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



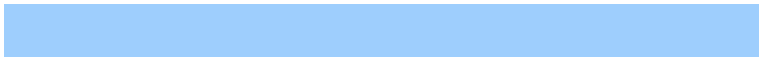
81, 28.200, 31.153



81, 28.200, 81.153



81, 28.200, 211.153



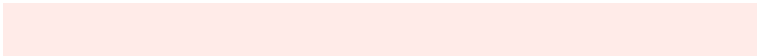
81, 28.200, 261.153

Sweetspot

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



81, 28.198, 31.159



94, 7.471, 30.120



81, 46.184, 329.098



50, 5.223, 30.172



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, 28.198, 31.159



78, 34.523, 31.604



90, 27.567, 81.302



50, 4.729, 30.138



41, 82.412, 41.378



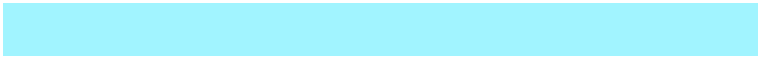
11, 31.261, 32.761

Inverse Universe

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



92, 22.519, 210.064



92, 26.220, 210.209



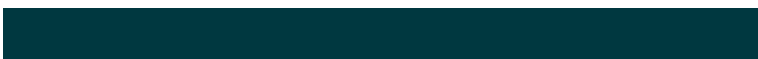
82, 26.601, 270.463



52, 4.444, 210.006



64, 35.603, 217.086



21, 16.533, 214.287

Previews

White Background



This preview shows how the CIELCh color 81, 28.200, 31.153 looks on a white background.

Color Contrast Check

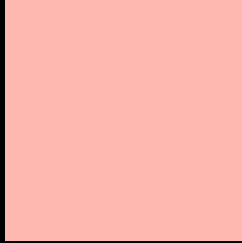
Large Text (above 18pt) WCAG AA × Fail

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, 28.200, 31.153 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, 28.200, 31.153

Background



This preview shows how black text looks on a background with the CIELCh color 81, 28.200, 31.153.



This preview shows how white text looks on a background with the CIELCh color 81, 28.200, 31.153.

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, 28.235, 31.161

Protanopia

81, 9.478, 90.674

Deuteranopia

81, 18.433, 57.033



Tritanopia
81, 28.533, 8.096

Trichromacy



Original Color
81, 28.235, 31.161

Protanomaly
81, 13.808, 52.397

Deuteranomaly
81, 21.245, 44.017

Tritanomaly
81, 27.891, 16.396

Monochromacy



Original Color
81, 28.235, 31.161

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 9.668, 32.642

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 28.200, 31.153 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(254, 184, 175)` looks like.

```
.text, #text, p{  
    color:rgb(254, 184, 175)  
}
```

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(254, 184, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 184, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 28.200, 31.153 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(254, 184, 175) }
```

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

```
.border{ border-color:rgb(254, 184, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 184, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 184, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 184, 175);  
box-shadow:4px 4px 4px 4px rgb(254, 184,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 28.200, 31.153 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 184, 175) }
```

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

```
.background{ background-color: rgb(254,  
184, 175) }
```

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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