

Converting Colors

CIELCh(81, 29.083, 36.547)

Have a look what the booklet for
CIELCh(81, 29.083, 36.547) contains.

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Color

CIELCh(81, 29.119, 36.068)

Conversions

Conversions Part 1

Format	Color
Hex	FEB8AA
RGB	254, 184, 170
RGB Percent	100%, 72%, 67%
CMY	0.0025, 0.2771, 0.3321
CMYK	0.00, 0.28, 0.33, 0.00
HSL	10°, 98%, 83%
HSV	10°, 33%, 100%
XYZ	65.4992, 58.4711, 46.0248
YIQ	203.3340, 46.2140, 10.4860

Conversions

Conversions Part 2

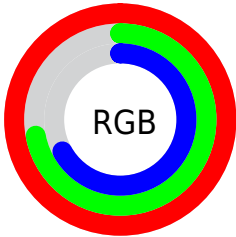
Format	Color
R _Y B	254, 187, 170
Decimal	16693418
CIE Lab	81.00, 23.54, 17.14
CIE LCh	81, 29.119, 36.068
Yxy	58.4711, 0.3853, 0.3440
Android (android.graphics.Color)	4294883498 (0xFFFE8AA)
YUV	203.3340, -16.4337, 44.4341
Hunter-Lab	76.4664, 19.0825, 17.8400

Details

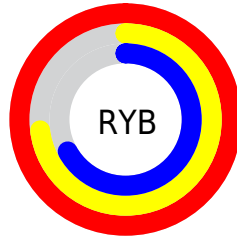
The CIELCh color **81, 29.119, 36.068** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 22.925, 216.724**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 9.415, 73.924**, and **61, 29.127, 36.353** is the 20% darker color. If you saturate the color by 10%, you get **76, 39.541, 36.584**, and if you desaturate by 10%, it is **87, 19.462, 35.770**.

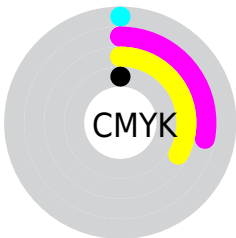
Distribution



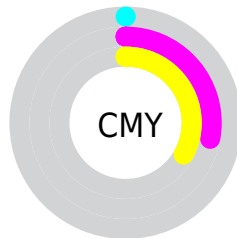
- Red (100%)
- Green (72%)
- Blue (67%)



- Red (100%)
- Yellow (73%)
- Blue (67%)



- Cyan (0%)
- Magenta (28%)
- Yellow (33%)
- Black (0%)



- Cyan (0%)
- Magenta (28%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 29.119, 36.068 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, 29.119, 36.068 by changing the saturation by 10% instead.

 81, 29.119, 36.068

 81, 29.119, 36.068

 100, 29.119,
36.068

 71, 29.119, 36.068

 61, 29.119, 36.068

 51, 29.119, 36.068

 41, 29.119, 36.068

 31, 29.119, 36.068

 21, 29.119, 36.068

 11, 29.119, 36.068

 1, 29.119, 36.068

 0, 29.119, 36.068

81, 29.119, 36.068

81, 29.119, 36.068

76, 39.541, 36.584

87, 19.462, 35.770

71, 50.695, 37.350

92, 10.558, 35.615

66, 62.445, 38.403

98, 2.358, 35.398

62, 74.493, 39.718

100, 0.223,
202.363

59, 86.175, 41.108

56, 96.025, 42.025

55, 100.932,
42.165

Harmonies

Complementary

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



81, 29.119, 36.068



91, 22.925, 216.724

Rectangle

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



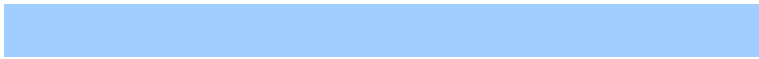
81, 29.119, 36.068



81, 29.119, 86.068



81, 29.119, 216.068



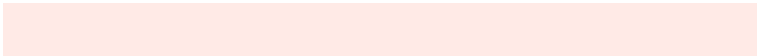
81, 29.119, 266.068

Sweetspot

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



81, 29.117, 36.074



94, 8.012, 35.583



80, 46.923, 331.469



49, 5.499, 35.598



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, 29.117, 36.074



77, 36.370, 36.404



91, 30.983, 86.807



50, 4.546, 35.578



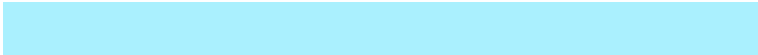
41, 81.041, 42.514



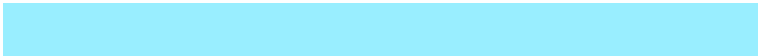
11, 30.467, 35.371

Inverse Universe

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



91, 22.925, 216.724



89, 26.974, 217.195



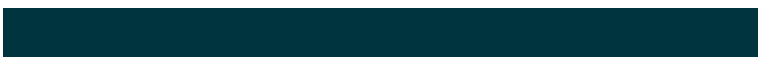
80, 30.766, 276.432



52, 4.276, 215.908



61, 35.072, 228.383



20, 16.160, 224.024

Previews

White Background



This preview shows how the CIELCh color 81, 29.119, 36.068 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, 29.119, 36.068 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, 29.119, 36.068

Background



This preview shows how black text looks on a background with the CIELCh color 81, 29.119, 36.068.

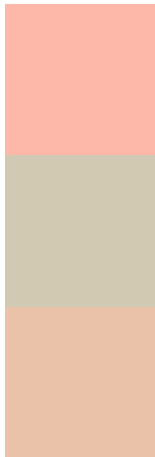


This preview shows how white text looks on a background with the CIELCh color 81, 29.119, 36.068.

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, 29.119, 36.068

Protanopia

81, 12.124, 92.593

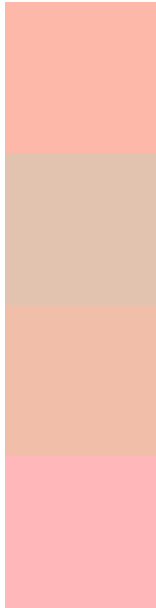
Deuteranopia

81, 20.505, 60.053



Tritanopia
81, 28.533, 8.096

Trichromacy



Original Color
81, 29.119, 36.068

Protanomaly
81, 15.806, 59.341

Deuteranomaly
81, 23.357, 48.857

Tritanomaly
81, 27.937, 18.540

Monochromacy



Original Color
81, 29.119, 36.068

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 9.816, 35.611

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 29.119, 36.068 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, 170)` looks like.

```
.text, #text, p{  
    color:rgb(254, 184, 170)  
}
```

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, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 184, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 29.119, 36.068 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, 170) }
```

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

```
.border{ border-color:rgb(254, 184, 170) }
```

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, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 184, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 184, 170);  
box-shadow:4px 4px 4px 4px rgb(254, 184,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 29.119, 36.068 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, 170) }
```

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

```
.background{ background-color: rgb(254,  
184, 170) }
```

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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