

Converting Colors

CIELCh(89, 56.085, 33.404)

Have a look what the booklet for
CIELCh(89, 56.085, 33.404) contains.

CIELCh(81, 29.752, 40.867)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(81, 29.752, 40.867)

Conversions

Conversions Part 1

Format	Color
Hex	FEB9A6
RGB	254, 185, 166
RGB Percent	100%, 73%, 65%
CMY	0.0045, 0.2747, 0.3491
CMYK	0.00, 0.27, 0.35, 0.00
HSL	13°, 97%, 82%
HSV	13°, 35%, 100%
XYZ	65.0385, 58.4711, 43.9206
YIQ	203.4650, 47.2230, 8.7190

Conversions

Conversions Part 2

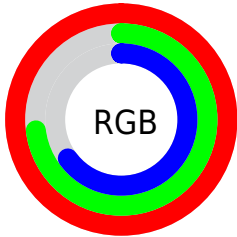
Format	Color
RYB	254, 190, 166
Decimal	16693670
CIELab	81.00, 22.50, 19.47
CIElCh	81, 29.752, 40.867
Yxy	58.4711, 0.3885, 0.3492
Android (android.graphics.Color)	4294883750 (0xFFFE9A6)
YUV	203.4650, -18.4702, 44.3192
Hunter-Lab	76.4664, 18.0069, 19.4716

Details

The CIELCh color **81, 29.752, 40.867** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89, 23.302, 223.452**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 11.432, 82.587**, and **61, 29.896, 41.323** is the 20% darker color. If you saturate the color by 10%, you get **76, 39.971, 41.078**, and if you desaturate by 10%, it is **86, 20.285, 40.840**.

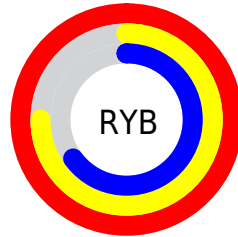
Distribution



Red (100%)

Green (73%)

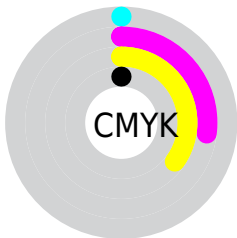
Blue (65%)



Red (100%)

Yellow (75%)

Blue (65%)

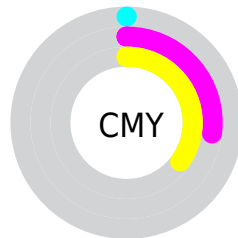


Cyan (0%)

Magenta (27%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (27%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 29.752, 40.867 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, 29.752, 40.867 by changing the saturation by 10% instead.

 81, 29.752, 40.867

 81, 29.752, 40.867

 100, 29.752,
40.867

 71, 29.752, 40.867

 61, 29.752, 40.867

 51, 29.752, 40.867

 41, 29.752, 40.867

 31, 29.752, 40.867

 21, 29.752, 40.867

 11, 29.752, 40.867

 1, 29.752, 40.867

 0, 29.752, 40.867

81, 29.752, 40.867

81, 29.752, 40.867

76, 39.971, 41.078

86, 20.285, 40.840

71, 50.919, 41.490

92, 11.553, 40.934

67, 62.467, 42.119

97, 3.503, 41.031

63, 74.302, 42.912

100, 0.397,
201.049

60, 85.692, 43.646

57, 95.064, 43.753

56, 98.873, 43.521

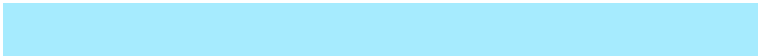
Harmonies

Complementary

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



81, 29.752, 40.867



89, 23.302, 223.452

Rectangle

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



81, 29.752, 40.867



81, 29.752, 90.867



81, 29.752, 220.867



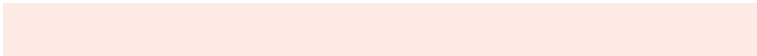
81, 29.752, 270.867

Sweetspot

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



81, 29.750, 40.873



94, 7.782, 40.999



79, 47.933, 332.796



50, 5.340, 40.979



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, 29.750, 40.873



78, 37.359, 41.006



91, 33.375, 89.245



50, 4.415, 41.006



42, 79.446, 43.952



12, 29.745, 38.108

Inverse Universe

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



89, 23.302, 223.452



88, 27.492, 224.271



78, 33.615, 279.225



52, 4.163, 221.785



58, 35.740, 239.144



19, 16.214, 233.481

Previews

White Background



This preview shows how the CIELCh color 81, 29.752, 40.867 looks on a white background.

Color Contrast Check

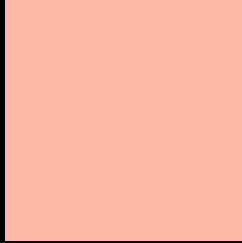
Large Text (above 18pt) WCAG AA × Fail

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, 29.752, 40.867 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, 29.752, 40.867

Background



This preview shows how black text looks on a background with the CIELCh color 81, 29.752, 40.867.



This preview shows how white text looks on a background with the CIELCh color 81, 29.752, 40.867.

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, 29.791, 40.868

Protanopia

81, 14.779, 93.709

Deuteranopia

81, 22.729, 64.023



Tritanopia
81, 28.533, 8.096

Trichromacy



Original Color
81, 29.791, 40.868

Protanomaly
81, 17.997, 64.590

Deuteranomaly
81, 24.558, 54.307

Tritanomaly
81, 28.025, 20.673

Monochromacy



Original Color
81, 29.791, 40.868

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 10.001, 38.483

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 29.752, 40.867 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, 185, 166)` looks like.

```
.text, #text, p{  
    color:rgb(254, 185, 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(254, 185, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 185, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 29.752, 40.867 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, 185, 166) }
```

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

```
.border{ border-color:rgb(254, 185, 166) }
```

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

Here you see how a box with a 4 pixel rgb(254, 185, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 185, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 185, 166);  
box-shadow:4px 4px 4px 4px rgb(254, 185,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 29.752, 40.867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 185, 166) }
```

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

```
.background{ background-color: rgb(254,  
185, 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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