

Converting Colors

CIELCh(90, 63.442, 32.080)

Have a look what the booklet for
CIELCh(90, 63.442, 32.080) contains.

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Color

CIELCh(80, 31.019, 38.252)

Conversions

Conversions Part 1

Format	Color
Hex	FEB5A4
RGB	254, 181, 164
RGB Percent	100%, 71%, 64%
CMY	0.0049, 0.2908, 0.3574
CMYK	0.00, 0.29, 0.35, 0.00
HSL	11°, 97%, 82%
HSV	11°, 35%, 100%
XYZ	63.9592, 56.6813, 42.6301
YIQ	200.8890, 48.9650, 10.1890

Conversions

Conversions Part 2

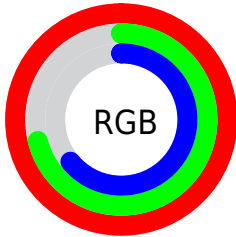
Format	Color
RYB	254, 185, 164
Decimal	16692644
CIELab	80.00, 24.36, 19.20
CIELCh	80, 31.019, 38.252
Yxy	56.6813, 0.3917, 0.3472
Android (android.graphics.Color)	4294882724 (0xFFFE5A4)
YUV	200.8890, -18.1863, 46.5783
Hunter-Lab	75.2870, 19.8905, 19.1288

Details

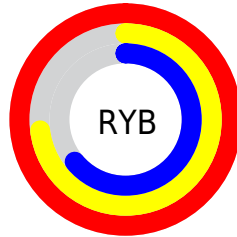
The CIELCh color **80, 31.019, 38.252** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 24.007, 219.830**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 11.361, 73.638**, and **60, 30.853, 38.851** is the 20% darker color. If you saturate the color by 10%, you get **75, 41.459, 38.669**, and if you desaturate by 10%, it is **85, 21.338, 38.045**.

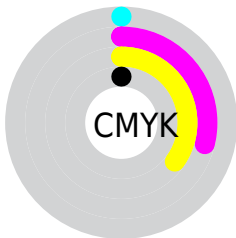
Distribution



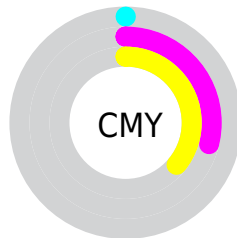
- Red (100%)
- Green (71%)
- Blue (64%)



- Red (100%)
- Yellow (73%)
- Blue (64%)



- Cyan (0%)
- Magenta (29%)
- Yellow (35%)
- Black (0%)



- Cyan (0%)
- Magenta (29%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 31.019, 38.252 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 80, 31.019, 38.252 by changing the saturation by 10% instead.

 80, 31.019, 38.252

 80, 31.019, 38.252

 100, 31.019,
38.252

 70, 31.019, 38.252

 60, 31.019, 38.252

 50, 31.019, 38.252

 40, 31.019, 38.252

 30, 31.019, 38.252

 20, 31.019, 38.252

 10, 31.019, 38.252

 0, 31.019, 38.252

 80, 31.019, 38.252

 80, 31.019, 38.252

75, 41.459, 38.669

85, 21.338, 38.045

70, 52.618, 39.319

91, 12.408, 37.982

66, 64.344, 40.224

96, 4.182, 37.961

62, 76.290, 41.328

100, 0.437,
200.893

59, 87.664, 42.385

56, 96.769, 42.761

55, 99.932, 42.729

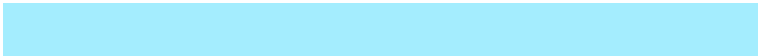
Harmonies

Complementary

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



80, 31.019, 38.252



90, 24.007, 219.830

Rectangle

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



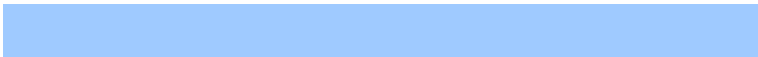
80, 31.019, 38.252



80, 31.019, 88.252



80, 31.019, 218.252



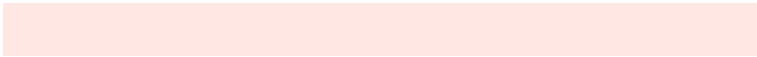
80, 31.019, 268.252

Sweetspot

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



80, 31.017, 38.258



94, 8.726, 37.983



78, 49.552, 332.231



49, 5.896, 37.982



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



80, 31.017, 38.258



76, 39.024, 38.549



91, 33.676, 87.828



50, 4.482, 37.983



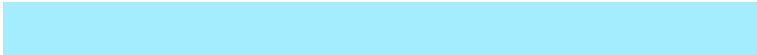
42, 80.357, 43.114



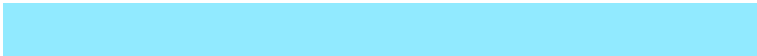
12, 30.143, 36.548

Inverse Universe

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



90, 24.007, 219.830



88, 28.279, 220.530



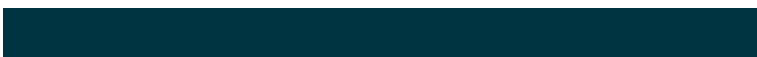
78, 33.687, 278.184



52, 4.220, 218.514



59, 35.230, 233.242



19, 16.134, 228.264

Previews

White Background



This preview shows how the CIELCh color 80, 31.019, 38.252 looks on a white background.

Color Contrast Check

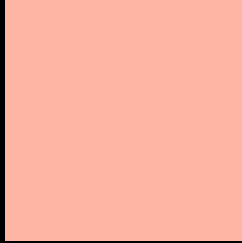
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 80, 31.019, 38.252 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 80, 31.019, 38.252

Background



This preview shows how black text looks on a background with the CIELCh color 80, 31.019, 38.252.



This preview shows how white text looks on a background with the CIELCh color 80, 31.019, 38.252.

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

80, 31.059, 38.256

Protanopia

80, 14.310, 93.198

Deuteranopia

80, 22.414, 63.119



Tritanopia
80, 30.162, 9.029

Trichromacy



Original Color
80, 31.059, 38.256

Protanomaly
80, 17.962, 62.568

Deuteranomaly
80, 24.727, 51.400

Tritanomaly
80, 29.700, 19.920

Monochromacy



Original Color
80, 31.059, 38.256

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 10.587, 40.506

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 31.019, 38.252 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, 181, 164)` looks like.

```
.text, #text, p{  
    color:rgb(254, 181, 164)  
}
```

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, 181, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 181, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 31.019, 38.252 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, 181, 164) }
```

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

```
.border{ border-color:rgb(254, 181, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 181, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 181, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 181, 164);  
box-shadow:4px 4px 4px 4px rgb(254, 181,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 31.019, 38.252 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 181, 164) }
```

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

```
.background{ background-color: rgb(254,  
181, 164) }
```

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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