

Converting Colors

CIELCh(80, 30.254, 34.418)

Have a look what the booklet for
CIELCh(80, 30.254, 34.418) contains.

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Color

CIELCh(80, 30.235, 34.666)

Conversions

Conversions Part 1

Format	Color
Hex	FEB5A8
RGB	254, 181, 168
RGB Percent	100%, 71%, 66%
CMY	0.0057, 0.2918, 0.3427
CMYK	0.00, 0.29, 0.34, 0.01
HSL	9°, 97%, 83%
HSV	9°, 34%, 99%
XYZ	64.1823, 56.6813, 44.4087
YIQ	201.3450, 47.6810, 11.4330

Conversions

Conversions Part 2

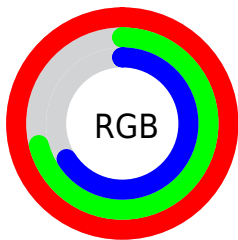
Format	Color
R _Y B	254, 183, 168
Decimal	16692648
CIE Lab	80.00, 24.87, 17.20
CIE LCh	80, 30.235, 34.666
Yxy	56.6813, 0.3883, 0.3430
Android (android.graphics.Color)	4294882728 (0xFFFE5A8)
YUV	201.3450, -16.4391, 46.1784
Hunter-Lab	75.2870, 20.4193, 17.7282

Details

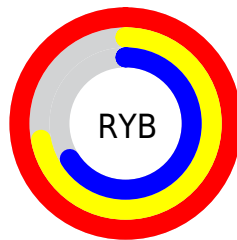
The CIELCh color **80, 30.235, 34.666** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 23.603, 214.766**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 9.740, 66.902**, and **60, 30.343, 34.938** is the 20% darker color. If you saturate the color by 10%, you get **75, 40.798, 35.307**, and if you desaturate by 10%, it is **86, 20.433, 34.260**.

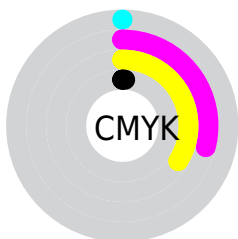
Distribution



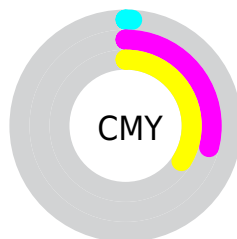
- Red (100%)
- Green (71%)
- Blue (66%)



- Red (100%)
- Yellow (72%)
- Blue (66%)



- Cyan (0%)
- Magenta (29%)
- Yellow (34%)
- Black (1%)



- Cyan (1%)
- Magenta (29%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 30.235, 34.666 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, 30.235, 34.666 by changing the saturation by 10% instead.

 80, 30.235, 34.666

 80, 30.235, 34.666

 100, 30.235,
34.666

 70, 30.235, 34.666

 60, 30.235, 34.666

 50, 30.235, 34.666

 40, 30.235, 34.666

 30, 30.235, 34.666

 20, 30.235, 34.666

 10, 30.235, 34.666

 0, 30.235, 34.666

 80, 30.235, 34.666

 80, 30.235, 34.666

75, 40.798, 35.307

86, 20.433, 34.260

70, 52.073, 36.221

91, 11.391, 34.013

65, 63.907, 37.447

97, 3.065, 33.771

61, 75.968, 38.955

100, 0.502,
200.694

58, 87.543, 40.536

56, 97.060, 41.583

54, 101.206,
41.819

Harmonies

Complementary

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



80, 30.235, 34.666



91, 23.603, 214.766

Rectangle

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



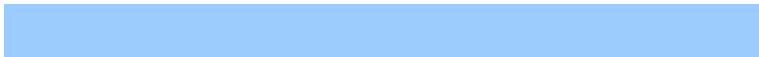
80, 30.235, 34.666



80, 30.235, 84.666



80, 30.235, 214.666



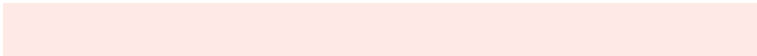
80, 30.235, 264.666

Sweetspot

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



80, 30.233, 34.672



94, 8.100, 33.942



79, 48.549, 330.939



49, 5.559, 33.967



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, 30.233, 34.672



77, 37.833, 35.098



90, 31.313, 85.303



50, 4.595, 33.933



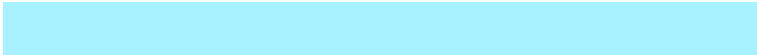
41, 81.483, 42.138



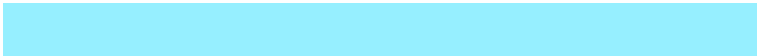
11, 30.691, 34.599

Inverse Universe

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



91, 23.603, 214.766



90, 27.769, 215.179



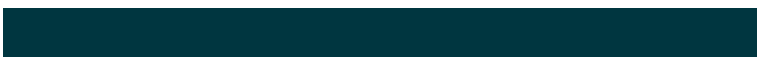
79, 30.860, 275.301



52, 4.321, 214.124



61, 35.098, 224.999



20, 16.225, 221.094

Previews

White Background



This preview shows how the CIELCh color 80, 30.235, 34.666 looks on a white background.

Color Contrast Check

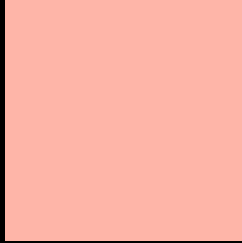
Large Text (above 18pt) WCAG AA × Fail

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, 30.235, 34.666 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, 30.235, 34.666

Background



This preview shows how black text looks on a background with the CIELCh color 80, 30.235, 34.666.

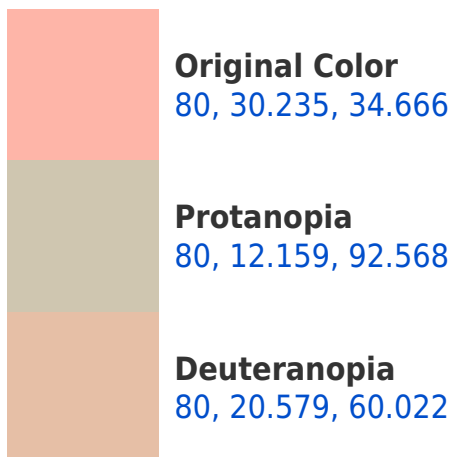


This preview shows how white text looks on a background with the CIELCh color 80, 30.235, 34.666.

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](#).

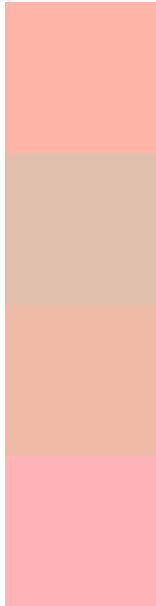
Dichromacy





Tritanopia
80, 30.162, 9.029

Trichromacy



Original Color
80, 30.235, 34.666

Protanomaly
80, 16.174, 58.430

Deuteranomaly
80, 23.520, 47.341

Tritanomaly
80, 29.256, 18.835

Monochromacy



Original Color
80, 30.235, 34.666

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 10.222, 35.056

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 30.235, 34.666 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, 168)` looks like.

```
.text, #text, p{  
    color:rgb(254, 181, 168)  
}
```

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, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 181, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 30.235, 34.666 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, 168) }
```

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

```
.border{ border-color:rgb(254, 181, 168) }
```

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, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 181, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 181, 168);  
box-shadow:4px 4px 4px 4px rgb(254, 181,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 30.235, 34.666 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, 168) }
```

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

```
.background{ background-color: rgb(254,  
181, 168) }
```

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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