

Converting Colors

CIELCh(91, 66.394, 29.932)

Have a look what the booklet for
CIELCh(91, 66.394, 29.932) contains.

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Color

CIELCh(80, 30.452, 33.604)

Conversions

Conversions Part 1

Format	Color
Hex	FEB4A8
RGB	254, 180, 168
RGB Percent	100%, 71%, 66%
CMY	0.0032, 0.2931, 0.3402
CMYK	0.00, 0.29, 0.34, 0.00
HSL	8°, 98%, 83%
HSV	8°, 34%, 100%
XYZ	64.3999, 56.6813, 44.7182
YIQ	200.7580, 47.9560, 11.9560

Conversions

Conversions Part 2

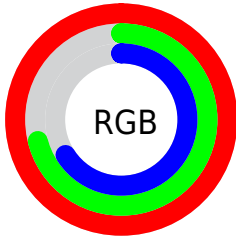
Format	Color
RYB	254, 182, 168
Decimal	16692392
CIELab	80.00, 25.36, 16.85
CIElCh	80, 30.452, 33.604
Yxy	56.6813, 0.3884, 0.3419
Android (android.graphics.Color)	4294882472 (0xFFFEb4A8)
YUV	200.7580, -16.1497, 46.6932
Hunter-Lab	75.2870, 20.9352, 17.4844

Details

The CIELCh color **80, 30.452, 33.604** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91, 23.777, 213.282**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 9.636, 63.288**, and **60, 30.615, 33.859** is the 20% darker color. If you saturate the color by 10%, you get **75, 41.107, 34.322**, and if you desaturate by 10%, it is **86, 20.558, 33.132**.

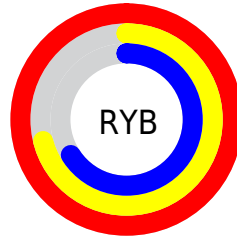
Distribution



Red (100%)

Green (71%)

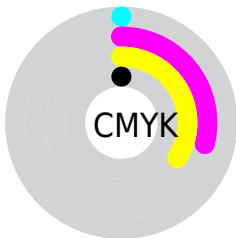
Blue (66%)



Red (100%)

Yellow (71%)

Blue (66%)

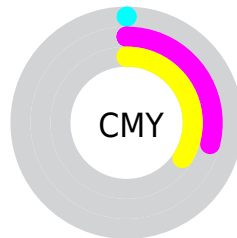


Cyan (0%)

Magenta (29%)

Yellow (34%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 30.452, 33.604 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, 30.452, 33.604 by changing the saturation by 10% instead.

 80, 30.452, 33.604

 80, 30.452, 33.604

 100, 30.452,
33.604

 70, 30.452, 33.604

 60, 30.452, 33.604

 50, 30.452, 33.604

 40, 30.452, 33.604

 30, 30.452, 33.604

 20, 30.452, 33.604

 10, 30.452, 33.604

 0, 30.452, 33.604

 80, 30.452, 33.604

 80, 30.452, 33.604

75, 41.107, 34.322

86, 20.558, 33.132

70, 52.469, 35.326

91, 11.427, 32.825

65, 64.373, 36.660

97, 3.019, 32.526

61, 76.483, 38.299

100, 0.286,
201.708

58, 88.085, 40.035

55, 97.600, 41.249

54, 101.759,
41.579

Harmonies

Complementary

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



80, 30.452, 33.604



91, 23.777, 213.282

Rectangle

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



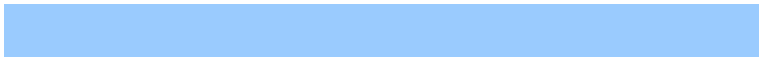
80, 30.452, 33.604



80, 30.452, 83.604



80, 30.452, 213.604



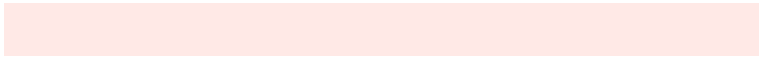
80, 30.452, 263.604

Sweetspot

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



80, 30.450, 33.610



94, 8.169, 32.735



79, 49.065, 330.361



49, 5.607, 32.768



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, 30.450, 33.610



76, 38.147, 34.096



90, 30.879, 83.891



50, 4.635, 32.723



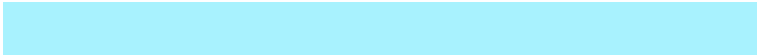
41, 81.794, 41.879



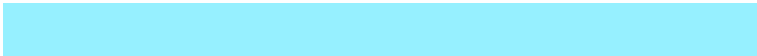
11, 30.863, 34.024

Inverse Universe

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



91, 23.777, 213.282



90, 27.980, 213.637



80, 30.197, 273.922



52, 4.357, 212.811



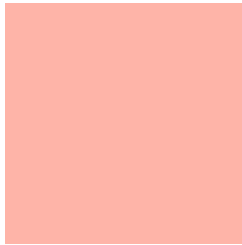
62, 35.190, 222.486



20, 16.299, 218.928

Previews

White Background



This preview shows how the CIELCh color 80, 30.452, 33.604 looks on a white background.

Color Contrast Check

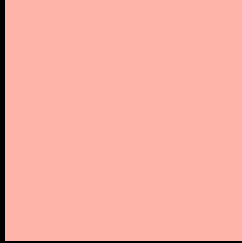
Large Text (above 18pt) WCAG AA × Fail

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 80, 30.452, 33.604 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, 30.452, 33.604

Background



This preview shows how black text looks on a background with the CIELCh color 80, 30.452, 33.604.



This preview shows how white text looks on a background with the CIELCh color 80, 30.452, 33.604.

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, 30.490, 33.612

Protanopia

80, 11.649, 91.903

Deuteranopia

80, 20.266, 60.747



Tritanopia
80, 30.162, 9.029

Trichromacy



Original Color
80, 30.490, 33.612

Protanomaly
80, 15.824, 57.027

Deuteranomaly
80, 23.153, 47.775

Tritanomaly
80, 29.619, 17.903

Monochromacy



Original Color
80, 30.490, 33.612

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 10.468, 31.779

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 30.452, 33.604 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, 180, 168)` looks like.

```
.text, #text, p{  
    color:rgb(254, 180, 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, 180, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 180, 168) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 30.452, 33.604 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, 180, 168) }
```

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

```
.border{ border-color:rgb(254, 180, 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, 180, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 180, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 180, 168);  
box-shadow:4px 4px 4px 4px rgb(254, 180,  
168) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 30.452, 33.604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 180, 168) }
```

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

```
.background{ background-color: rgb(254,  
180, 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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