

Converting Colors

CIELCh(94, 77.550, 30.454)

Have a look what the booklet for
CIELCh(94, 77.550, 30.454) contains.

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Color

CIELCh(80, 31.519, 34.260)

Conversions

Conversions Part 1

Format	Color
Hex	FFB4A7
RGB	255, 180, 167
RGB Percent	100%, 71%, 65%
CMY	0.0000, 0.2954, 0.3465
CMYK	0.00, 0.30, 0.35, 0.00
HSL	9°, 100%, 83%
HSV	9°, 35%, 100%
XYZ	64.7027, 56.6813, 43.9199
YIQ	200.9430, 48.8730, 11.8570

Conversions

Conversions Part 2

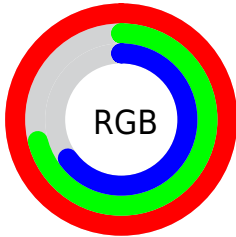
Format	Color
R _Y B	255, 182, 167
Decimal	16757927
CIE Lab	80.00, 26.05, 17.74
CIE LCh	80, 31.519, 34.260
Yxy	56.6813, 0.3914, 0.3429
Android (android.graphics.Color)	4294948007 (0xFFFFB4A7)
YUV	200.9430, -16.7339, 47.4080
Hunter-Lab	75.2870, 21.6532, 18.1131

Details

The CIELCh color **80, 31.519, 34.260** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **91, 24.217, 214.312**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 10.006, 65.337**, and **60, 30.826, 34.811** is the 20% darker color. If you saturate the color by 10%, you get **75, 41.922, 35.045**, and if you desaturate by 10%, it is **86, 21.296, 33.913**.

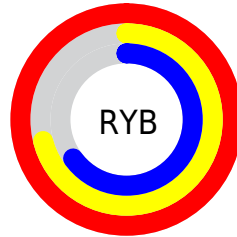
Distribution



Red (100%)

Green (71%)

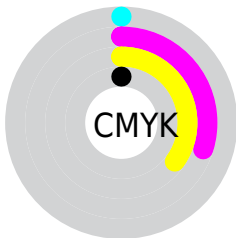
Blue (65%)



Red (100%)

Yellow (71%)

Blue (65%)

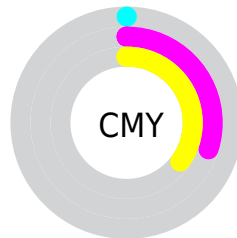


Cyan (0%)

Magenta (30%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (30%)

Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 31.519, 34.260 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, 31.519, 34.260 by changing the saturation by 10% instead.

 80, 31.519, 34.260

 80, 31.519, 34.260

 100, 31.519,
34.260

 70, 31.519, 34.260

 60, 31.519, 34.260

 50, 31.519, 34.260

 40, 31.519, 34.260

 30, 31.519, 34.260

 20, 31.519, 34.260

 10, 31.519, 34.260

 0, 31.519, 34.260

 80, 31.519, 34.260

 80, 31.519, 34.260

75, 41.922, 35.045

86, 21.296, 33.913

70, 53.322, 36.012

91, 12.131, 33.636

65, 65.260, 37.300

97, 3.691, 33.399

61, 77.379, 38.869

100, 0.012,
296.813

58, 88.918, 40.488

56, 98.201, 41.506

55, 101.773,
41.733

Harmonies

Complementary

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



80, 31.519, 34.260



91, 24.217, 214.312

Rectangle

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



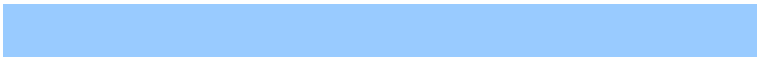
80, 31.519, 34.260



80, 31.519, 84.260



80, 31.519, 214.260



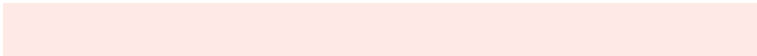
80, 31.519, 264.260

Sweetspot

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



80, 31.226, 34.363



94, 8.122, 33.542



79, 50.391, 330.414



49, 5.574, 33.570



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, 31.226, 34.363



76, 39.019, 34.838



90, 31.765, 83.773



50, 4.608, 33.532



41, 81.588, 42.050



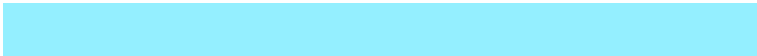
11, 30.747, 34.409

Inverse Universe

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



91, 24.217, 214.312



90, 28.377, 214.733



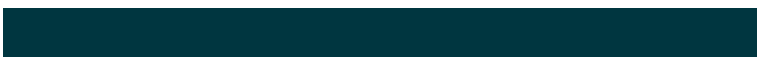
80, 31.047, 274.103



52, 4.333, 213.689



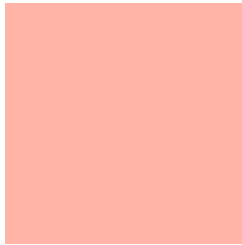
62, 35.122, 224.168



20, 16.247, 220.377

Previews

White Background



This preview shows how the CIELCh color 80, 31.519, 34.260 looks on a white background.

Color Contrast Check

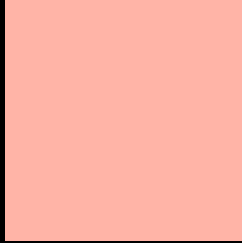
Large Text (above 18pt) WCAG AA × Fail

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, 31.519, 34.260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

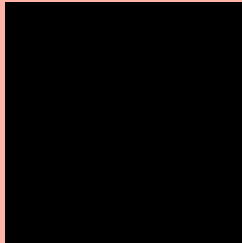
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 80, 31.519, 34.260

Background



This preview shows how black text looks on a background with the CIELCh color 80, 31.519, 34.260.



This preview shows how white text looks on a background with the CIELCh color 80, 31.519, 34.260.

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, 31.077, 34.388

Protanopia
80, 12.159, 92.568

Deuteranopia
80, 20.953, 61.030



Tritanopia
80, 30.573, 9.252

Trichromacy



Original Color
80, 31.077, 34.388

Protanomaly
80, 16.166, 56.180

Deuteranomaly
80, 23.810, 48.396

Tritanomaly
80, 30.050, 18.008

Monochromacy



Original Color
80, 31.077, 34.388

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 10.849, 31.392

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 31.519, 34.260 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(255, 180, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 167)  
}
```

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(255, 180, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 31.519, 34.260 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(255, 180, 167) }
```

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

```
.border{ border-color:rgb(255, 180, 167) }
```

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

Here you see how a box with a 4 pixel rgb(255, 180, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 31.519, 34.260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 167) }
```

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

```
.background{ background-color: rgb(255,  
180, 167) }
```

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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