

Converting Colors

CIELCh(80, 32.949, 41.039)

Have a look what the booklet for
CIELCh(80, 32.949, 41.039) contains.

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Color

CIELCh(80, 32.835, 41.186)

Conversions

Conversions Part 1

Format	Color
Hex	FFB49F
RGB	255, 180, 159
RGB Percent	100%, 71%, 62%
CMY	0.0000, 0.2924, 0.3748
CMYK	0.00, 0.29, 0.37, 0.00
HSL	13°, 100%, 81%
HSV	13°, 37%, 100%
XYZ	64.1134, 56.6813, 40.5517
YIQ	200.0310, 51.4410, 9.3690

Conversions

Conversions Part 2

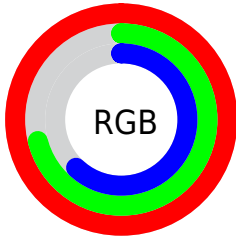
Format	Color
R _Y B	255, 186, 159
Decimal	16757919
CIE Lab	80.00, 24.71, 21.62
CIE LCh	80, 32.835, 41.186
Yxy	56.6813, 0.3974, 0.3513
Android (android.graphics.Color)	4294947999 (0xFFFFB49F)
YUV	200.0310, -20.2283, 48.2078
Hunter-Lab	75.2870, 20.2561, 20.7656

Details

The CIELCh color **80, 32.835, 41.186** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **89, 24.996, 224.298**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **94, 13.313, 77.199**, and **60, 32.828, 41.892** is the 20% darker color. If you saturate the color by 10%, you get **75, 43.101, 41.527**, and if you desaturate by 10%, it is **85, 22.956, 41.240**.

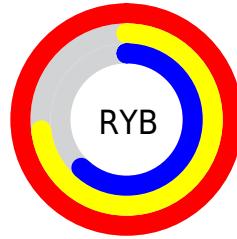
Distribution



Red (100%)

Green (71%)

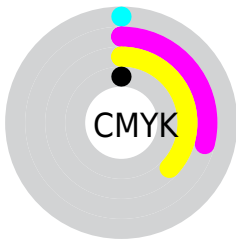
Blue (62%)



Red (100%)

Yellow (73%)

Blue (62%)

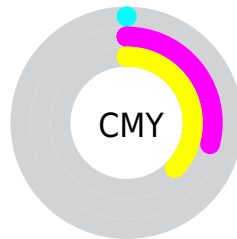


Cyan (0%)

Magenta (29%)

Yellow (37%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 32.835, 41.186 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, 32.835, 41.186 by changing the saturation by 10% instead.

 80, 32.835, 41.186

 80, 32.835, 41.186

 100, 32.835,
41.186

 70, 32.835, 41.186

 60, 32.835, 41.186

 50, 32.835, 41.186

 40, 32.835, 41.186

 30, 32.835, 41.186

 20, 32.835, 41.186

 10, 32.835, 41.186

 0, 32.835, 41.186

 80, 32.835, 41.186

 80, 32.835, 41.186

75, 43.101, 41.527

85, 22.956, 41.240

70, 54.257, 41.970

90, 14.005, 41.326

66, 65.954, 42.618

96, 5.752, 41.477

62, 77.787, 43.384

100, 0.012,
296.813

59, 88.831, 43.964

57, 97.275, 43.716

56, 99.051, 43.640

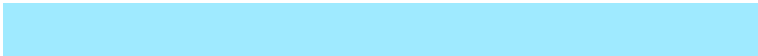
Harmonies

Complementary

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



80, 32.835, 41.186



89, 24.996, 224.298

Rectangle

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



80, 32.835, 41.186



80, 32.835, 91.186



80, 32.835, 221.186



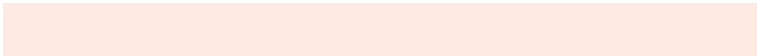
80, 32.835, 271.186

Sweetspot

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



80, 32.650, 41.294



94, 8.578, 41.426



77, 51.374, 333.640



49, 5.796, 41.404



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, 32.650, 41.294



76, 40.436, 41.451



91, 36.842, 90.129



50, 4.406, 41.450



42, 79.308, 44.083



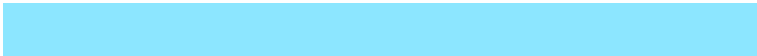
12, 29.688, 38.345

Inverse Universe

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



89, 24.996, 224.298



87, 29.020, 225.229



76, 37.431, 280.986



52, 4.156, 222.265



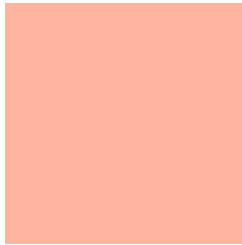
57, 35.843, 239.989



18, 16.235, 234.236

Previews

White Background



This preview shows how the CIELCh color 80, 32.835, 41.186 looks on a white background.

Color Contrast Check

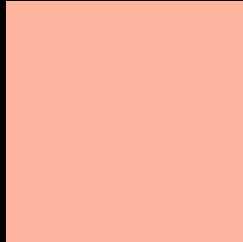
Large Text (above 18pt) WCAG AA × Fail

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, 32.835, 41.186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

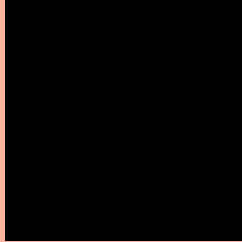
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 32.835, 41.186

Background



This preview shows how black text looks on a background with the CIELCh color 80, 32.835, 41.186.



This preview shows how white text looks on a background with the CIELCh color 80, 32.835, 41.186.

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, 30.573, 9.252

Trichromacy



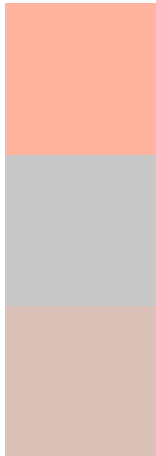
Original Color
80, 32.835, 41.186

Protanomaly
80, 19.835, 65.892

Deuteranomaly
80, 26.743, 55.391

Tritanomaly
80, 30.190, 20.987

Monochromacy



Original Color
80, 32.835, 41.186

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 11.178, 42.316

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 32.835, 41.186 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, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 159)  
}
```

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, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 32.835, 41.186 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, 159) }
```

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

```
.border{ border-color:rgb(255, 180, 159) }
```

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, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 180, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 180, 159); box-shadow:4px 4px 4px 4px rgb(255, 180, 159) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 32.835, 41.186 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, 159) }
```

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

```
.background{ background-color: rgb(255,  
180, 159) }
```

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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