

Converting Colors

CIELCh(80, 32.195, 40.594)

Have a look what the booklet for
CIELCh(80, 32.195, 40.594) contains.

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Color

CIELCh(80, 32.153, 40.591)

Conversions

Conversions Part 1

Format	Color
Hex	FFB5A1
RGB	255, 181, 161
RGB Percent	100%, 71%, 63%
CMY	0.0013, 0.2914, 0.3698
CMYK	0.00, 0.29, 0.37, 0.00
HSL	13°, 99%, 81%
HSV	13°, 37%, 100%
XYZ	63.9842, 56.6813, 41.1477
YIQ	200.8460, 50.5240, 9.4680

Conversions

Conversions Part 2

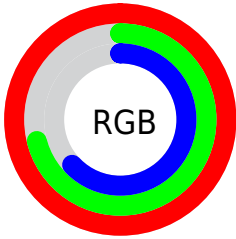
Format	Color
R _Y B	255, 186, 161
Decimal	16758177
CIE Lab	80.00, 24.42, 20.92
CIE LCh	80, 32.153, 40.591
Yxy	56.6813, 0.3954, 0.3503
Android (android.graphics.Color)	4294948257 (0xFFFFB5A1)
YUV	200.8460, -19.6441, 47.4931
Hunter-Lab	75.2870, 19.9498, 20.2963

Details

The CIELCh color **80, 32.153, 40.591** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **89, 24.692, 223.248**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 12.660, 77.489**, and **60, 32.069, 41.277** is the 20% darker color. If you saturate the color by 10%, you get **75, 42.589, 40.869**, and if you desaturate by 10%, it is **85, 22.472, 40.508**.

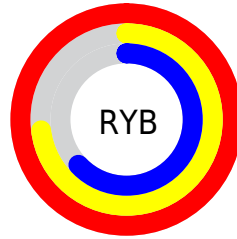
Distribution



Red (100%)

Green (71%)

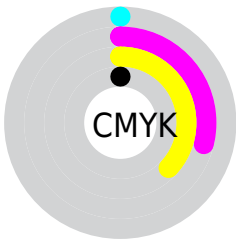
Blue (63%)



Red (100%)

Yellow (73%)

Blue (63%)

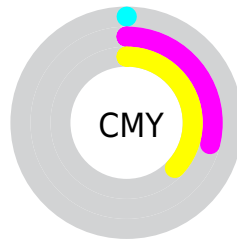


Cyan (0%)

Magenta (29%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (29%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 32.153, 40.591 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, 32.153, 40.591 by changing the saturation by 10% instead.

 80, 32.153, 40.591

 80, 32.153, 40.591

 100, 32.153,
40.591

 70, 32.153, 40.591

 60, 32.153, 40.591

 50, 32.153, 40.591


 40, 32.153, 40.591

 30, 32.153, 40.591

 20, 32.153, 40.591

 10, 32.153, 40.591

 0, 32.153, 40.591

 80, 32.153, 40.591

 80, 32.153, 40.591

75, 42.589, 40.869

85, 22.472, 40.508

70, 53.737, 41.357

91, 13.537, 40.560

66, 65.436, 42.063

96, 5.302, 40.674

62, 77.301, 42.908

100, 0.116,
205.109

59, 88.446, 43.604

57, 97.072, 43.500

56, 99.250, 43.419

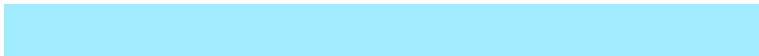
Harmonies

Complementary

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



80, 32.153, 40.591



89, 24.692, 223.248

Rectangle

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



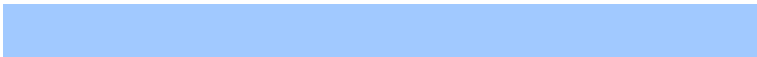
80, 32.153, 40.591



80, 32.153, 90.591



80, 32.153, 220.591



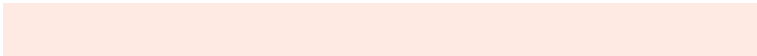
80, 32.153, 270.591

Sweetspot

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



80, 32.151, 40.597



94, 8.609, 40.631



78, 51.122, 332.956



49, 5.817, 40.614



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, 32.151, 40.597



77, 39.531, 40.769



91, 35.711, 88.936



50, 4.422, 40.650



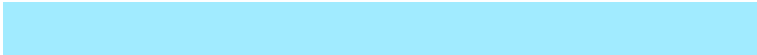
42, 79.556, 43.849



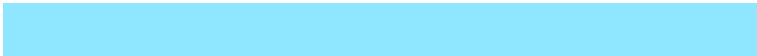
12, 29.792, 37.920

Inverse Universe

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



89, 24.692, 223.248



87, 28.560, 224.068



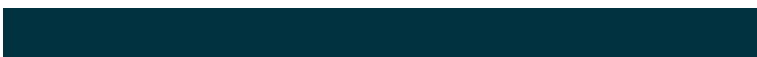
77, 36.006, 279.705



52, 4.169, 221.400



58, 35.663, 238.462



19, 16.198, 232.874

Previews

White Background



This preview shows how the CIELCh color 80, 32.153, 40.591 looks on a white background.

Color Contrast Check

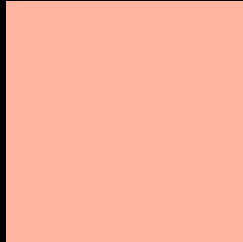
Large Text (above 18pt) WCAG AA × Fail

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, 32.153, 40.591 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, 32.153, 40.591

Background



This preview shows how black text looks on a background with the CIELCh color 80, 32.153, 40.591.

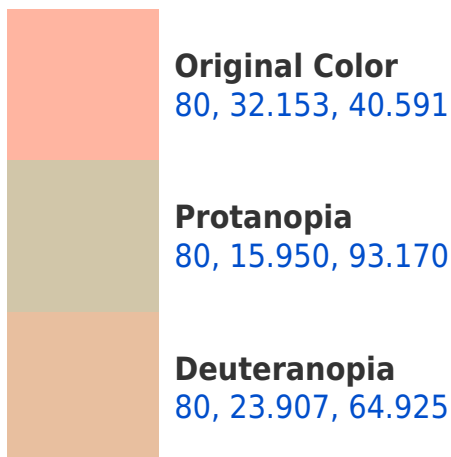


This preview shows how white text looks on a background with the CIELCh color 80, 32.153, 40.591.

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, 30.110, 10.020

Trichromacy



Original Color
80, 32.153, 40.591

Protanomaly
80, 19.432, 64.917

Deuteranomaly
80, 26.059, 53.682

Tritanomaly
80, 29.820, 21.924

Monochromacy



Original Color
80, 32.153, 40.591

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 11.165, 42.317

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 32.153, 40.591 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, 181, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 181, 161)  
}
```

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, 181, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 181, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 32.153, 40.591 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, 181, 161) }
```

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

```
.border{ border-color:rgb(255, 181, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 181, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 181, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 181, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 181,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 32.153, 40.591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 181, 161) }
```

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

```
.background{ background-color: rgb(255,  
181, 161) }
```

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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