

Converting Colors

CIELCh(80, 32.118, 41.548)

Have a look what the booklet for
CIELCh(80, 32.118, 41.548) contains.

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Color

CIELCh(80, 32.008, 41.634)

Conversions

Conversions Part 1

Format	Color
Hex	FEB5A0
RGB	254, 181, 160
RGB Percent	100%, 71%, 63%
CMY	0.0038, 0.2900, 0.3724
CMYK	0.00, 0.29, 0.37, 0.00
HSL	13°, 98%, 81%
HSV	13°, 37%, 100%
XYZ	63.7684, 56.6813, 40.8542
YIQ	200.4330, 50.2490, 8.9450

Conversions

Conversions Part 2

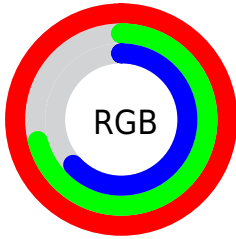
Format	Color
RYB	254, 187, 160
Decimal	16692640
CIELab	80.00, 23.92, 21.27
CIELCh	80, 32.008, 41.634
Yxy	56.6813, 0.3953, 0.3514
Android (android.graphics.Color)	4294882720 (0xFFFE5A0)
YUV	200.4330, -19.9335, 46.9783
Hunter-Lab	75.2870, 19.4381, 20.5274

Details

The CIELCh color **80, 32.008, 41.634** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **88, 24.626, 224.747**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 13.104, 78.595**, and **60, 31.929, 42.359** is the 20% darker color. If you saturate the color by 10%, you get **75, 42.368, 41.838**, and if you desaturate by 10%, it is **85, 22.398, 41.616**.

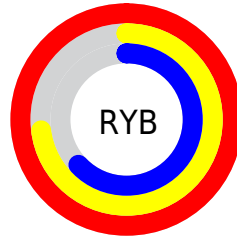
Distribution



Red (100%)

Green (71%)

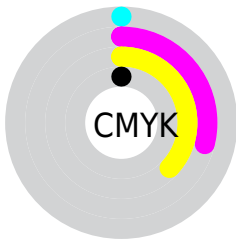
Blue (63%)



Red (100%)

Yellow (73%)

Blue (63%)

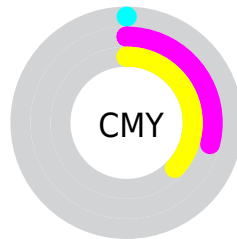


Cyan (0%)

Magenta (29%)

Yellow (37%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 32.008, 41.634 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, 32.008, 41.634 by changing the saturation by 10% instead.

 80, 32.008, 41.634

 80, 32.008, 41.634

 100, 32.008,
41.634

 70, 32.008, 41.634

 60, 32.008, 41.634

 50, 32.008, 41.634

 40, 32.008, 41.634

 30, 32.008, 41.634

 20, 32.008, 41.634

 10, 32.008, 41.634

 0, 32.008, 41.634

 80, 32.008, 41.634

 80, 32.008, 41.634

75, 42.368, 41.838

85, 22.398, 41.616

70, 53.437, 42.239

90, 13.527, 41.727

66, 65.058, 42.844

96, 5.347, 41.895

62, 76.846, 43.567

100, 0.333,
201.377

59, 87.918, 44.124

57, 96.493, 43.875

56, 98.607, 43.761

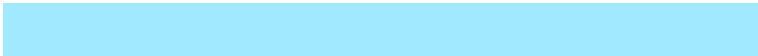
Harmonies

Complementary

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



80, 32.008, 41.634



88, 24.626, 224.747

Rectangle

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



80, 32.008, 41.634



80, 32.008, 91.634



80, 32.008, 221.634



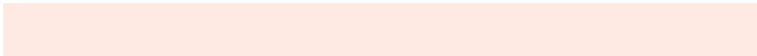
80, 32.008, 271.634

Sweetspot

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



80, 32.006, 41.640



94, 8.563, 41.832



77, 50.584, 333.604



49, 5.786, 41.808



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, 32.006, 41.640



77, 39.299, 41.758



91, 36.251, 90.195



50, 4.399, 41.859



42, 79.181, 44.206



12, 29.635, 38.565

Inverse Universe

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



88, 24.626, 224.747



87, 28.486, 225.617



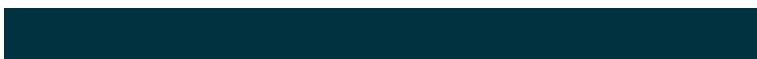
76, 36.817, 280.883



52, 4.149, 222.706



57, 35.943, 240.760



18, 16.258, 234.927

Previews

White Background



This preview shows how the CIELCh color 80, 32.008, 41.634 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, 32.008, 41.634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

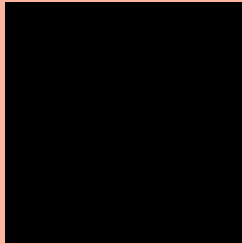
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 32.008, 41.634

Background



This preview shows how black text looks on a background with the CIELCh color 80, 32.008, 41.634.



This preview shows how white text looks on a background with the CIELCh color 80, 32.008, 41.634.

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, 32.008, 41.634

Protanopia

80, 16.462, 93.593

Deuteranopia

80, 24.313, 65.700



Tritanopia
80, 30.110, 10.020

Trichromacy



Original Color
80, 32.008, 41.634

Protanomaly
80, 19.554, 66.738

Deuteranomaly
80, 26.398, 54.548

Tritanomaly
80, 29.820, 21.924

Monochromacy



Original Color
80, 32.008, 41.634

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, 32.008, 41.634 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, 160)` looks like.

```
.text, #text, p{  
    color:rgb(254, 181, 160)  
}
```

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, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 181, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 32.008, 41.634 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, 160) }
```

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

```
.border{ border-color:rgb(254, 181, 160) }
```

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, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 181, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 181, 160);  
box-shadow:4px 4px 4px 4px rgb(254, 181,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 32.008, 41.634 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, 160) }
```

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

```
.background{ background-color: rgb(254,  
181, 160) }
```

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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