

Converting Colors

CIELCh(80, 32.348, 61.678)

Have a look what the booklet for
CIELCh(80, 32.348, 61.678) contains.

CIELCh(80, 32.538, 61.848)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(80, 32.538, 61.848)

Conversions

Conversions Part 1

Format	Color
Hex	F4BB92
RGB	244, 187, 146
RGB Percent	96%, 73%, 57%
CMY	0.0442, 0.2677, 0.4284
CMYK	0.00, 0.23, 0.40, 0.04
HSL	25°, 81%, 76%
HSV	25°, 40%, 96%
XYZ	60.0953, 56.6813, 34.8658
YIQ	199.3690, 47.1330, -0.6670

Conversions

Conversions Part 2

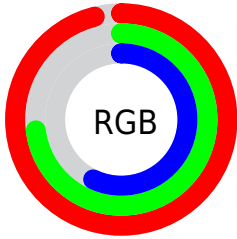
Format	Color
R _Y B	244, 216, 146
Decimal	16038802
CIE Lab	80.00, 15.35, 28.69
CIE LCh	80, 32.538, 61.848
Yxy	56.6813, 0.3963, 0.3738
Android (android.graphics.Color)	4294228882 (0xFFF4BB92)
YUV	199.3690, -26.3109, 39.1414
Hunter-Lab	75.2870, 10.7294, 25.2433

Details

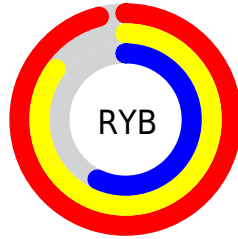
The CIELCh color **80, 32.538, 61.848** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **79, 27.240, 252.598**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 22.371, 96.728**, and **60, 32.598, 62.104** is the 20% darker color. If you saturate the color by 10%, you get **76, 41.900, 60.863**, and if you desaturate by 10%, it is **84, 23.689, 62.874**.

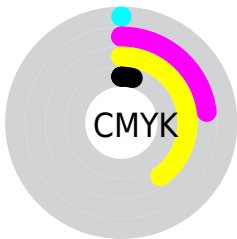
Distribution



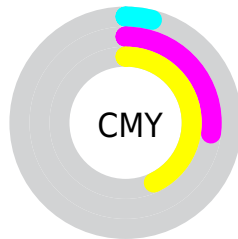
- Red (96%)
- Green (73%)
- Blue (57%)



- Red (96%)
- Yellow (85%)
- Blue (57%)



- Cyan (0%)
- Magenta (23%)
- Yellow (40%)
- Black (4%)



- Cyan (4%)
- Magenta (27%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 32.538, 61.848 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, 32.538, 61.848 by changing the saturation by 10% instead.

 80, 32.538, 61.848

 80, 32.538, 61.848

 100, 32.538,
61.848

 70, 32.538, 61.848

 60, 32.538, 61.848

 50, 32.538, 61.848

 40, 32.538, 61.848

 30, 32.538, 61.848

 20, 32.538, 61.848

 10, 32.538, 61.848

 0, 32.538, 61.848

 80, 32.538, 61.848

 80, 32.538, 61.848

76, 41.900, 60.863

84, 23.689, 62.874

73, 51.701, 59.890

88, 15.359, 63.915

69, 61.725, 58.882

92, 7.521, 64.951

66, 71.475, 57.700

96, 0.134, 62.366

63, 79.962, 56.040

99, 3.895, 199.328

61, 86.098, 53.696

Harmonies

Complementary

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



80, 32.538, 61.848



79, 27.240, 252.598

Rectangle

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



80, 32.538, 61.848



80, 32.538, 111.848



80, 32.538, 241.848



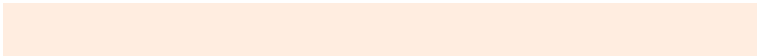
80, 32.538, 291.848

Sweetspot

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



80, 32.538, 61.854



95, 9.233, 64.765



72, 46.442, 343.027



50, 6.149, 64.630



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, 32.538, 61.854



80, 41.303, 61.067



92, 45.542, 102.352



49, 4.198, 65.022



47, 69.969, 54.367



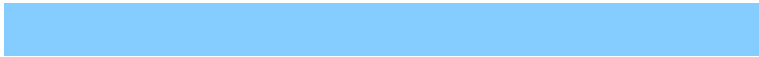
13, 24.906, 53.241

Inverse Universe

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



79, 27.240, 252.598



79, 33.205, 254.578



66, 49.687, 292.367



49, 4.054, 247.295



45, 48.308, 274.848



12, 19.233, 266.963

Previews

White Background



This preview shows how the CIELCh color 80, 32.538, 61.848 looks on a white background.

Color Contrast Check

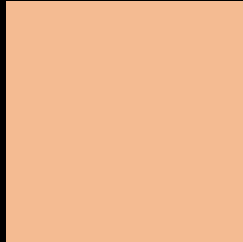
Large Text (above 18pt) WCAG AA × Fail

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, 32.538, 61.848 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, 32.538, 61.848

Background



This preview shows how black text looks on a background with the CIELCh color 80, 32.538, 61.848.



This preview shows how white text looks on a background with the CIELCh color 80, 32.538, 61.848.

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, 32.538, 61.848

Protanopia

80, 25.471, 95.129

Deuteranopia

80, 30.554, 70.615



Tritanopia
80, 26.798, 5.819

Trichromacy



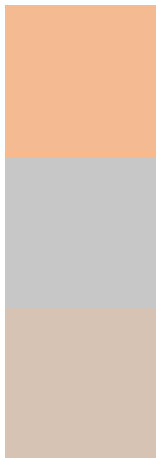
Original Color
80, 32.538, 61.848

Protanomaly
80, 26.918, 81.001

Deuteranomaly
80, 31.266, 67.741

Tritanomaly
80, 25.471, 28.523

Monochromacy



Original Color
80, 32.538, 61.848

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 11.081, 65.496

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 32.538, 61.848 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(244, 187, 146)` looks like.

```
.text, #text, p{  
    color:rgb(244, 187, 146)  
}
```

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(244, 187, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 187, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 32.538, 61.848 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(244, 187, 146) }
```

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

```
.border{ border-color:rgb(244, 187, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 187, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 187, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 187, 146);  
box-shadow:4px 4px 4px 4px rgb(244, 187,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 32.538, 61.848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 187, 146) }
```

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

```
.background{ background-color: rgb(244,  
187, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor