

Converting Colors

CIELCh(80, 32.989, 45.042)

Have a look what the booklet for
CIELCh(80, 32.989, 45.042) contains.

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Color

CIELCh(80, 33.069, 44.792)

Conversions

Conversions Part 1

Format	Color
Hex	FEB59C
RGB	254, 181, 156
RGB Percent	100%, 71%, 61%
CMY	0.0028, 0.2892, 0.3873
CMYK	0.00, 0.29, 0.39, 0.00
HSL	15°, 99%, 80%
HSV	15°, 39%, 100%
XYZ	63.5698, 56.6813, 39.1510
YIQ	199.9770, 51.5330, 7.7010

Conversions

Conversions Part 2

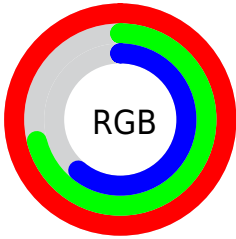
Format	Color
RYB	254, 190, 156
Decimal	16692636
CIELab	80.00, 23.47, 23.30
CIELCh	80, 33.069, 44.792
Yxy	56.6813, 0.3988, 0.3556
Android (android.graphics.Color)	4294882716 (0xFFFEb59c)
YUV	199.9770, -21.6807, 47.3782
Hunter-Lab	75.2870, 18.9673, 21.8687

Details

The CIELCh color **80, 33.069, 44.792** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **87, 25.379, 229.450**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 14.924, 82.325**, and **60, 32.816, 44.816** is the 20% darker color. If you saturate the color by 10%, you get **75, 43.369, 44.796**, and if you desaturate by 10%, it is **85, 23.502, 44.952**.

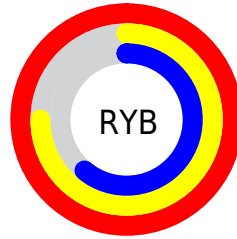
Distribution



Red (100%)

Green (71%)

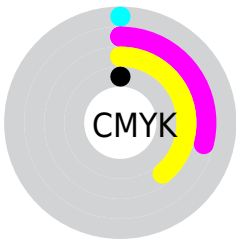
Blue (61%)



Red (100%)

Yellow (75%)

Blue (61%)

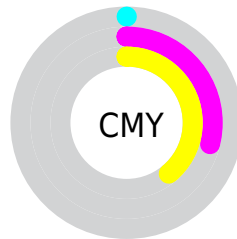


Cyan (0%)

Magenta (29%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (29%)

Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 33.069, 44.792 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, 33.069, 44.792 by changing the saturation by 10% instead.

 80, 33.069, 44.792

 80, 33.069, 44.792

 100, 33.069,
44.792

 70, 33.069, 44.792

 60, 33.069, 44.792

 50, 33.069, 44.792

 40, 33.069, 44.792

 30, 33.069, 44.792

 20, 33.069, 44.792

 10, 33.069, 44.792

 0, 33.069, 44.792

 80, 33.069, 44.792

 80, 33.069, 44.792

75, 43.369, 44.796

85, 23.502, 44.952

71, 54.357, 44.964

90, 14.658, 45.225

67, 65.859, 45.286

95, 6.490, 45.559

63, 77.445, 45.651

100, 0.252,
202.020

60, 88.127, 45.736

57, 96.203, 44.979

57, 97.238, 44.885

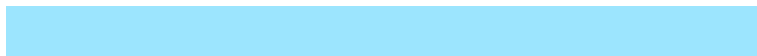
Harmonies

Complementary

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



80, 33.069, 44.792



87, 25.379, 229.450

Rectangle

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



80, 33.069, 44.792



80, 33.069, 94.792



80, 33.069, 224.792



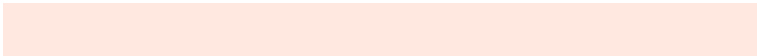
80, 33.069, 274.792

Sweetspot

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



80, 33.068, 44.798



94, 9.255, 45.444



76, 51.483, 335.056



49, 6.171, 45.399



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, 33.068, 44.798



77, 40.766, 44.780



92, 38.917, 92.424



50, 4.341, 45.528



43, 78.002, 45.382



12, 29.175, 40.611

Inverse Universe

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



87, 25.379, 229.450



85, 29.415, 230.611



74, 40.131, 283.388



51, 4.105, 226.662



55, 37.093, 247.435



18, 16.549, 240.980

Previews

White Background



This preview shows how the CIELCh color 80, 33.069, 44.792 looks on a white background.

Color Contrast Check

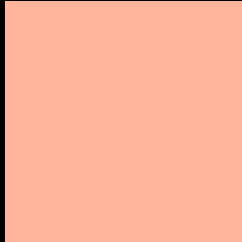
Large Text (above 18pt) WCAG AA × Fail

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, 33.069, 44.792 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, 33.069, 44.792

Background



This preview shows how black text looks on a background with the CIELCh color 80, 33.069, 44.792.



This preview shows how white text looks on a background with the CIELCh color 80, 33.069, 44.792.

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, 33.069, 44.792

Protanomaly
80, 21.502, 69.399

Deuteranomaly
80, 28.148, 57.283

Tritanomaly
80, 29.895, 22.918

Monochromacy



Original Color
80, 33.069, 44.792

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 11.411, 44.714

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 33.069, 44.792 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, 156)` looks like.

```
.text, #text, p{  
    color:rgb(254, 181, 156)  
}
```

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, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 181, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 33.069, 44.792 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, 156) }
```

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

```
.border{ border-color:rgb(254, 181, 156) }
```

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, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 181, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 181, 156);  
box-shadow:4px 4px 4px 4px rgb(254, 181,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 33.069, 44.792 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, 156) }
```

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

```
.background{ background-color: rgb(254,  
181, 156) }
```

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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