

Converting Colors

CIELCh(80, 28.022, 53.127)

Have a look what the booklet for
CIELCh(80, 28.022, 53.127) contains.

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Color

CIELCh(80, 27.834, 52.700)

Conversions

Conversions Part 1

Format	Color
Hex	F3BA9E
RGB	243, 186, 158
RGB Percent	95%, 73%, 62%
CMY	0.0468, 0.2703, 0.3802
CMYK	0.00, 0.23, 0.35, 0.05
HSL	20°, 78%, 79%
HSV	20°, 35%, 95%
XYZ	60.7341, 56.6813, 40.1144
YIQ	199.8510, 42.9600, 3.3760

Conversions

Conversions Part 2

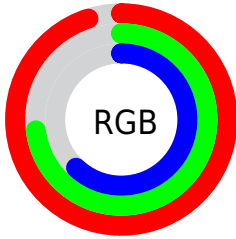
Format	Color
R _Y B	243, 200, 158
Decimal	15973022
CIE Lab	80.00, 16.87, 22.14
CIE LCh	80, 27.834, 52.700
Yxy	56.6813, 0.3855, 0.3598
Android (android.graphics.Color)	4294163102 (0xFFFF3BA9E)
YUV	199.8510, -20.6325, 37.8417
Hunter-Lab	75.2870, 12.2440, 21.1100

Details

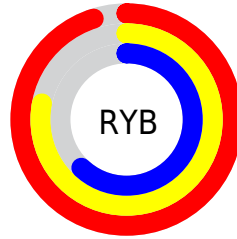
The CIELCh color **80, 27.834, 52.700** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83, 22.705, 239.453**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **96, 15.567, 90.901**, and **60, 27.888, 53.599** is the 20% darker color. If you saturate the color by 10%, you get **76, 37.169, 52.165**, and if you desaturate by 10%, it is **84, 19.138, 53.333**.

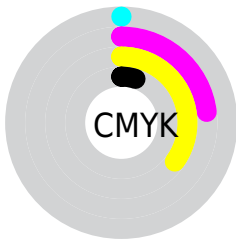
Distribution



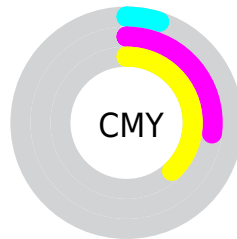
- Red (95%)
- Green (73%)
- Blue (62%)



- Red (95%)
- Yellow (78%)
- Blue (62%)



- Cyan (0%)
- Magenta (23%)
- Yellow (35%)
- Black (5%)



- Cyan (5%)
- Magenta (27%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 27.834, 52.700 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, 27.834, 52.700 by changing the saturation by 10% instead.

80, 27.834, 52.700

80, 27.834, 52.700

100, 27.834,
52.700

70, 27.834, 52.700

60, 27.834, 52.700

50, 27.834, 52.700

40, 27.834, 52.700

30, 27.834, 52.700

20, 27.834, 52.700

10, 27.834, 52.700

0, 27.834, 52.700

80, 27.834, 52.700

80, 27.834, 52.700

76, 37.169, 52.165

84, 19.138, 53.333

72, 47.129, 51.719

89, 11.056, 54.019

68, 57.605, 51.355

94, 3.539, 54.669

64, 68.301, 50.993

98, 3.387, 233.738

61, 78.525, 50.417

99, 4.118, 199.305

58, 86.915, 49.157

57, 90.300, 48.317

Harmonies

Complementary

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



80, 27.834, 52.700



83, 22.705, 239.453

Rectangle

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



80, 27.834, 52.700



80, 27.834, 102.700



80, 27.834, 232.700



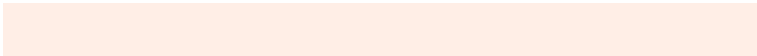
80, 27.834, 282.700

Sweetspot

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



80, 27.833, 52.707



95, 7.539, 54.362



75, 43.174, 337.624



50, 5.170, 54.265



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, 27.833, 52.707



80, 35.701, 52.310



90, 36.146, 97.307



49, 4.137, 54.398



44, 73.466, 48.902



12, 25.723, 45.160

Inverse Universe

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



83, 22.705, 239.453



84, 27.728, 240.798



72, 37.921, 286.534



49, 3.944, 236.138



50, 40.633, 261.438



14, 16.825, 253.472

Previews

White Background



This preview shows how the CIELCh color 80, 27.834, 52.700 looks on a white background.

Color Contrast Check

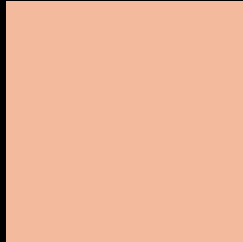
Large Text (above 18pt) WCAG AA × Fail

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, 27.834, 52.700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

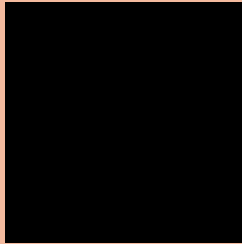
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 80, 27.834, 52.700

Background



This preview shows how black text looks on a background with the CIELCh color 80, 27.834, 52.700.



This preview shows how white text looks on a background with the CIELCh color 80, 27.834, 52.700.

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, 27.834, 52.700

Protanopia

80, 18.614, 93.833

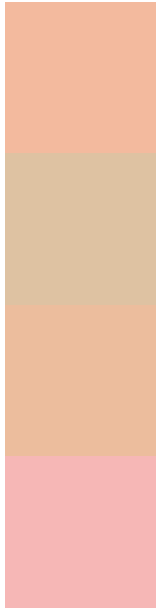
Deuteranopia

80, 24.724, 66.448



Tritanopia
80, 26.029, 5.253

Trichromacy



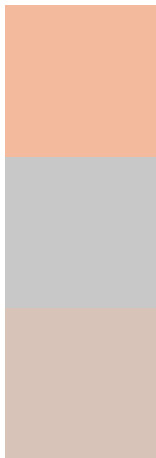
Original Color
80, 27.834, 52.700

Protanomaly
80, 20.410, 75.475

Deuteranomaly
80, 25.796, 61.081

Tritanomaly
80, 24.553, 22.643

Monochromacy



Original Color
80, 27.834, 52.700

Achromatopsia
81, 0.010, 296.813

Achromatomaly
80, 9.609, 53.253

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 27.834, 52.700 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(243, 186, 158)` looks like.

```
.text, #text, p{  
    color:rgb(243, 186, 158)  
}
```

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(243, 186, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 186, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 27.834, 52.700 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(243, 186, 158) }
```

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

```
.border{ border-color:rgb(243, 186, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 186, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 186, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 186, 158);  
box-shadow:4px 4px 4px 4px rgb(243, 186,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 27.834, 52.700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 186, 158) }
```

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

```
.background{ background-color: rgb(243,  
186, 158) }
```

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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