

Converting Colors

CIELCh(80, 42.125, 67.768)

Have a look what the booklet for
CIELCh(80, 42.125, 67.768) contains.

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Color

CIELCh(80, 42.246, 67.956)

Conversions

Conversions Part 1

Format	Color
Hex	F9BA7E
RGB	249, 186, 126
RGB Percent	98%, 73%, 49%
CMY	0.0241, 0.2711, 0.5064
CMYK	0.00, 0.25, 0.49, 0.02
HSL	29°, 91%, 73%
HSV	29°, 49%, 98%
XYZ	60.3072, 56.6813, 27.4596
YIQ	197.9970, 56.8080, -5.3040

Conversions

Conversions Part 2

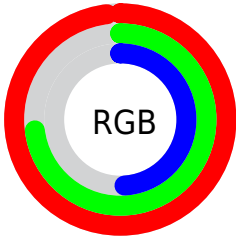
Format	Color
RYB	249, 243, 126
Decimal	16366206
CIELab	80.00, 15.86, 39.16
CIELCh	80, 42.246, 67.956
Yxy	56.6813, 0.4175, 0.3924
Android (android.graphics.Color)	4294556286 (0xFFFF9BA7E)
YUV	197.9970, -35.4945, 44.7296
Hunter-Lab	75.2870, 11.2318, 31.0759

Details

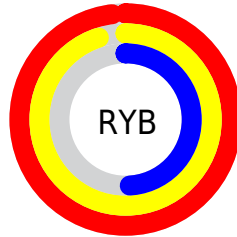
The CIELCh color **80, 42.246, 67.956** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **75, 36.115, 263.510**, and the grayscale version is **80, 0.010, 296.813**.

A 20% lighter version of the original color is **95, 32.411, 98.661**, and **60, 42.140, 67.906** is the 20% darker color. If you saturate the color by 10%, you get **77, 51.901, 66.683**, and if you desaturate by 10%, it is **83, 32.894, 69.214**.

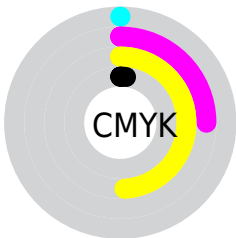
Distribution



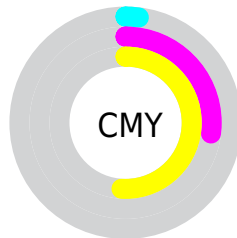
- Red (98%)
- Green (73%)
- Blue (49%)



- Red (98%)
- Yellow (95%)
- Blue (49%)



- Cyan (0%)
- Magenta (25%)
- Yellow (49%)
- Black (2%)



- Cyan (2%)
- Magenta (27%)
- Yellow (51%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 80, 42.246, 67.956 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, 42.246, 67.956 by changing the saturation by 10% instead.

 80, 42.246, 67.956

 80, 42.246, 67.956

 100, 42.246,
67.956

 70, 42.246, 67.956

 60, 42.246, 67.956

 50, 42.246, 67.956

 40, 42.246, 67.956

 30, 42.246, 67.956

 20, 42.246, 67.956

 10, 42.246, 67.956

 0, 42.246, 67.956

 80, 42.246, 67.956

 80, 42.246, 67.956

77, 51.901, 66.683

83, 32.894, 69.214

73, 61.616, 65.330

87, 23.942, 70.460

70, 70.874, 63.776

91, 15.412, 71.693

68, 78.716, 61.759

94, 7.291, 72.893

65, 84.166, 59.005

98, 0.450, 255.155

65, 84.465, 58.848

100, 2.129,
199.581

Harmonies

Complementary

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



80, 42.246, 67.956



75, 36.115, 263.510

Rectangle

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



80, 42.246, 67.956



80, 42.246, 117.956



80, 42.246, 247.956



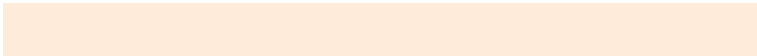
80, 42.246, 297.956

Sweetspot

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



80, 42.246, 67.961



94, 12.011, 72.228



69, 55.250, 347.986



49, 8.238, 71.972



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, 42.246, 67.961



79, 52.529, 66.728



95, 59.714, 104.693



50, 4.417, 72.884



50, 68.346, 59.544



15, 25.841, 60.425

Inverse Universe

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



75, 36.115, 263.510



72, 43.523, 266.494



59, 68.314, 296.864



50, 4.311, 255.389



41, 56.285, 282.926



12, 22.460, 275.919

Previews

White Background



This preview shows how the CIELCh color 80, 42.246, 67.956 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, 42.246, 67.956 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, 42.246, 67.956

Background



This preview shows how black text looks on a background with the CIELCh color 80, 42.246, 67.956.



This preview shows how white text looks on a background with the CIELCh color 80, 42.246, 67.956.

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, 30.162, 9.029

Trichromacy



Original Color
80, 42.246, 67.956

Protanomaly
80, 37.293, 84.557

Deuteranomaly
80, 41.378, 73.447

Tritanomaly
80, 30.029, 35.744

Monochromacy



Original Color
80, 42.246, 67.956

Achromatopsia
80, 0.010, 296.813

Achromatomaly
80, 14.537, 72.888

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 80, 42.246, 67.956 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(249, 186, 126)` looks like.

```
.text, #text, p{  
    color:rgb(249, 186, 126)  
}
```

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(249, 186, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 186, 126) }
```

Border

The CSS property to change the border of an element to CIELCh 80, 42.246, 67.956 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(249, 186, 126) }
```

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

```
.border{ border-color:rgb(249, 186, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 186, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(249, 186, 126); -webkit-box-shadow:4px 4px 4px 4px rgb(249, 186, 126); box-shadow:4px 4px 4px 4px rgb(249, 186, 126) }
```

Background

The CSS property to change the background color of an element to CIELCh 80, 42.246, 67.956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 186, 126) }
```

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

```
.background{ background-color: rgb(249,  
186, 126) }
```

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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