

Converting Colors

CIELCh(82, 37.098, 80.786)

Have a look what the booklet for
CIELCh(82, 37.098, 80.786) contains.

CIELCh(82, 37.325, 80.666)	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(82, 37.325, 80.666)

Conversions

Conversions Part 1

Format	Color
Hex	EEC687
RGB	238, 198, 135
RGB Percent	93%, 78%, 53%
CMY	0.0668, 0.2236, 0.4707
CMYK	0.00, 0.17, 0.43, 0.07
HSL	37°, 75%, 73%
HSV	37°, 43%, 93%
XYZ	59.8111, 60.2982, 31.3994
YIQ	202.7780, 44.0630, -11.1130

Conversions

Conversions Part 2

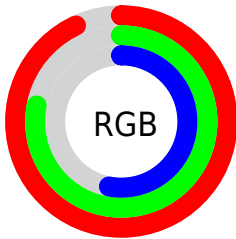
Format	Color
R_{YB}	200, 238, 135
Decimal	15648391
CIE _{Lab}	82.00, 6.05, 36.83
CIE _{LCh}	82, 37.325, 80.666
Yxy	60.2982, 0.3948, 0.3980
Android (android.graphics.Color)	4293838471 (0xFFEEEC687)
YUV	202.7780, -33.4146, 30.8897
Hunter-Lab	77.6519, 1.5982, 30.3818

Details

The CIELCh color **82, 37.325, 80.666** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **71, 35.818, 274.231**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 33.205, 107.650**, and **62, 37.280, 80.532** is the 20% darker color. If you saturate the color by 10%, you get **79, 46.418, 79.223**, and if you desaturate by 10%, it is **85, 28.336, 82.073**.

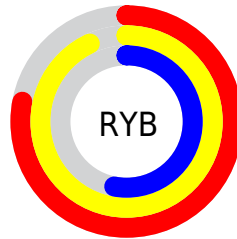
Distribution



Red (93%)

Green (78%)

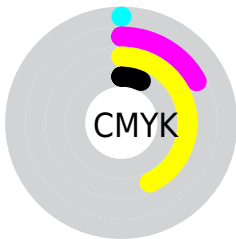
Blue (53%)



Red (78%)

Yellow (93%)

Blue (53%)

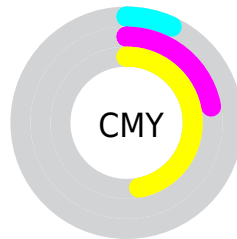


Cyan (0%)

Magenta (17%)

Yellow (43%)

Black (7%)



Cyan (7%)

Magenta (22%)

Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 37.325, 80.666 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 82, 37.325, 80.666 by changing the saturation by 10% instead.

 82, 37.325, 80.666

 82, 37.325, 80.666

 100, 37.325,
80.666

 72, 37.325, 80.666

 62, 37.325, 80.666

 52, 37.325, 80.666

 42, 37.325, 80.666

 32, 37.325, 80.666

 22, 37.325, 80.666

 12, 37.325, 80.666

 2, 37.325, 80.666

 0, 37.325, 80.666

82, 37.325, 80.666

82, 37.325, 80.666

79, 46.418, 79.223

85, 28.336, 82.073

77, 55.409, 77.705

87, 19.543, 83.434

74, 63.904, 76.059

90, 10.985, 84.750

72, 71.209, 74.159

93, 2.667, 85.945

70, 76.348, 71.786

96, 5.418, 267.364

68, 78.525, 69.901

98, 5.353, 207.844

99, 5.849, 199.148

Harmonies

Complementary

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



82, 37.325, 80.666



71, 35.818, 274.231

Rectangle

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



82, 37.325, 80.666



82, 37.325, 130.666



82, 37.325, 260.666



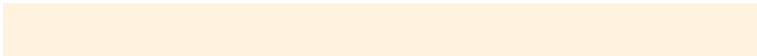
82, 37.325, 310.666

Sweetspot

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



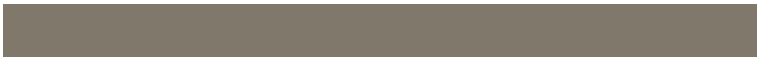
82, 37.325, 80.671



96, 11.369, 84.780



68, 44.365, 354.452



51, 7.982, 84.493



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82, 37.325, 80.671



85, 47.870, 79.383



91, 51.837, 110.595



49, 4.700, 85.232



54, 64.597, 70.496



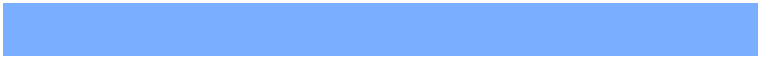
16, 23.941, 72.950

Inverse Universe

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



71, 35.818, 274.231



71, 45.692, 276.600



61, 58.018, 299.030



47, 4.669, 267.789



34, 69.679, 293.204



8, 25.952, 286.534

Previews

White Background



This preview shows how the CIELCh color 82, 37.325, 80.666 looks on a white background.

Color Contrast Check

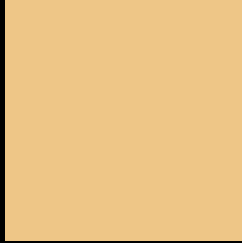
Large Text (above 18pt) WCAG AA × Fail

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 82, 37.325, 80.666 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 82, 37.325, 80.666

Background



This preview shows how black text looks on a background with the CIELCh color 82, 37.325, 80.666.



This preview shows how white text looks on a background with the CIELCh color 82, 37.325, 80.666.

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
82, 22.334, 0.640

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 37.325, 80.666 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(238, 198, 135)` looks like.

```
.text, #text, p{  
    color:rgb(238, 198, 135)  
}
```

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(238, 198, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 198, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 37.325, 80.666 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(238, 198, 135) }
```

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

```
.border{ border-color:rgb(238, 198, 135) }
```

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

Here you see how a box with a 4 pixel rgb(238, 198, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 198, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 198, 135);  
box-shadow:4px 4px 4px 4px rgb(238, 198,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 37.325, 80.666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 198, 135) }
```

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

```
.background{ background-color: rgb(238,  
198, 135) }
```

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