

Converting Colors

CIELCh(82, 38.148, 64.174)

Have a look what the booklet for
CIELCh(82, 38.148, 64.174) contains.

CIELCh(82, 38.249, 64.375)	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, 38.249, 64.375)

Conversions

Conversions Part 1

Format	Color
Hex	FEBF8C
RGB	254, 191, 140
RGB Percent	100%, 75%, 55%
CMY	0.0035, 0.2505, 0.4506
CMYK	0.00, 0.25, 0.45, 0.00
HSL	27°, 98%, 77%
HSV	27°, 45%, 100%
XYZ	64.3118, 60.2982, 33.1001
YIQ	204.0230, 53.9190, -2.5050

Conversions

Conversions Part 2

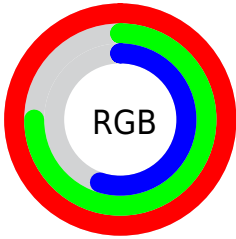
Format	Color
RYB	254, 232, 140
Decimal	16695180
CIELab	82.00, 16.54, 34.49
CIELCh	82, 38.249, 64.375
Yxy	60.2982, 0.4078, 0.3823
Android (android.graphics.Color)	4294885260 (0xFFFEBF8C)
YUV	204.0230, -31.5633, 43.8298
Hunter-Lab	77.6519, 11.9439, 29.0832

Details

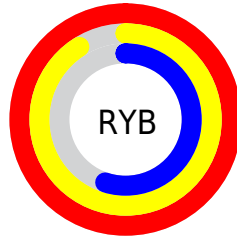
The CIELCh color **82, 38.249, 64.375** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **79, 32.050, 257.443**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 27.052, 101.611**, and **62, 38.326, 64.897** is the 20% darker color. If you saturate the color by 10%, you get **78, 48.064, 63.265**, and if you desaturate by 10%, it is **86, 28.885, 65.503**.

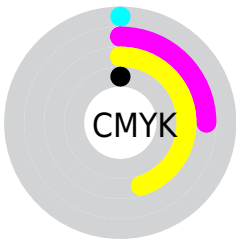
Distribution



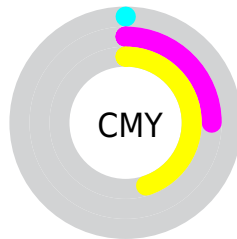
- Red (100%)
- Green (75%)
- Blue (55%)



- Red (100%)
- Yellow (91%)
- Blue (55%)



- Cyan (0%)
- Magenta (25%)
- Yellow (45%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (45%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 38.249, 64.375 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, 38.249, 64.375 by changing the saturation by 10% instead.

 82, 38.249, 64.375

 82, 38.249, 64.375

 100, 38.249,
64.375

 72, 38.249, 64.375

 62, 38.249, 64.375

 52, 38.249, 64.375

 42, 38.249, 64.375

 32, 38.249, 64.375

 22, 38.249, 64.375

 12, 38.249, 64.375

 2, 38.249, 64.375

 0, 38.249, 64.375

82, 38.249, 64.375

82, 38.249, 64.375

78, 48.064, 63.265

86, 28.885, 65.503

75, 58.182, 62.129

90, 20.015, 66.638

72, 68.249, 60.883

94, 11.630, 67.771

68, 77.516, 59.325

98, 3.699, 68.829

66, 84.726, 57.071

100, 0.306,
201.550

64, 87.563, 55.672

Harmonies

Complementary

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



82, 38.249, 64.375



79, 32.050, 257.443

Rectangle

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



82, 38.249, 64.375



82, 38.249, 114.375



82, 38.249, 244.375



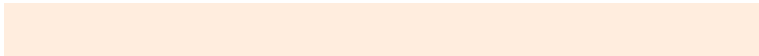
82, 38.249, 294.375

Sweetspot

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



82, 38.249, 64.380



95, 10.146, 67.979



72, 52.822, 344.487



50, 7.144, 67.732



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, 38.249, 64.380



79, 47.332, 63.361



96, 53.123, 102.706



51, 4.394, 68.362



49, 70.374, 56.370



15, 27.153, 56.654

Inverse Universe

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



79, 32.050, 257.443



76, 38.094, 260.029



65, 59.061, 294.014



51, 4.261, 250.759



44, 52.390, 278.527



13, 21.595, 271.588

Previews

White Background



This preview shows how the CIELCh color 82, 38.249, 64.375 looks on a white background.

Color Contrast Check

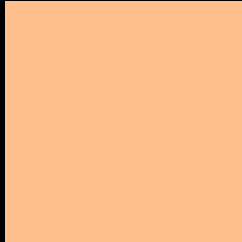
Large Text (above 18pt) WCAG AA × Fail

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, 38.249, 64.375 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, 38.249, 64.375

Background



This preview shows how black text looks on a background with the CIELCh color 82, 38.249, 64.375.



This preview shows how white text looks on a background with the CIELCh color 82, 38.249, 64.375.

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

82, 38.249, 64.375

Protanopia

82, 31.102, 95.398

Deuteranopia

82, 36.273, 73.322



Tritanopia
82, 26.850, 8.191

Trichromacy



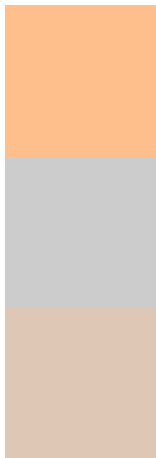
Original Color
82, 38.249, 64.375

Protanomaly
82, 32.129, 82.613

Deuteranomaly
82, 37.185, 70.338

Tritanomaly
82, 27.228, 33.570

Monochromacy



Original Color
82, 38.249, 64.375

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 13.034, 66.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 38.249, 64.375 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, 191, 140)` looks like.

```
.text, #text, p{  
    color:rgb(254, 191, 140)  
}
```

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, 191, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 191, 140) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 38.249, 64.375 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, 191, 140) }
```

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

```
.border{ border-color:rgb(254, 191, 140) }
```

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

Here you see how a box with a 4 pixel rgb(254, 191, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 191, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 191, 140);  
box-shadow:4px 4px 4px 4px rgb(254, 191,  
140) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 38.249, 64.375 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 191, 140) }
```

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

```
.background{ background-color: rgb(254,  
191, 140) }
```

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