

Converting Colors

CIELCh(82, 39.443, 63.290)

Have a look what the booklet for
CIELCh(82, 39.443, 63.290) contains.

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Color

CIELCh(82, 38.917, 63.510)

Conversions

Conversions Part 1

Format	Color
Hex	FFBF8B
RGB	255, 191, 139
RGB Percent	100%, 75%, 55%
CMY	0.0000, 0.2528, 0.4530
CMYK	0.00, 0.25, 0.45, 0.00
HSL	27°, 100%, 77%
HSV	27°, 45%, 100%
XYZ	64.6714, 60.2982, 32.8466
YIQ	204.2080, 54.8360, -2.6040

Conversions

Conversions Part 2

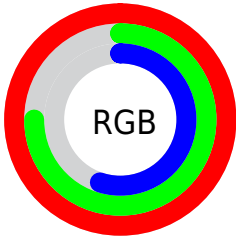
Format	Color
R_{YB}	255, 233, 139
Decimal	16760715
CIE _{Lab}	82.00, 17.36, 34.83
CIE _{LCh}	82, 38.917, 63.510
Yxy	60.2982, 0.4098, 0.3821
Android (android.graphics.Color)	4294950795 (0xFFFFBF8B)
YUV	204.2080, -32.1475, 44.5446
Hunter-Lab	77.6519, 12.7706, 29.2768

Details

The CIELCh color **82, 38.917, 63.510** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **80, 32.238, 256.856**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 27.552, 101.681**, and **62, 39.052, 63.959** is the 20% darker color. If you saturate the color by 10%, you get **78, 48.619, 62.661**, and if you desaturate by 10%, it is **86, 29.320, 64.854**.

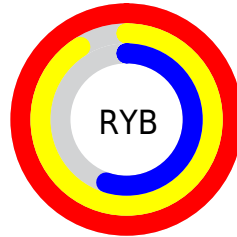
Distribution



Red (100%)

Green (75%)

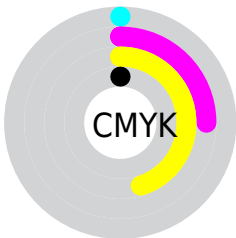
Blue (55%)



Red (100%)

Yellow (91%)

Blue (55%)

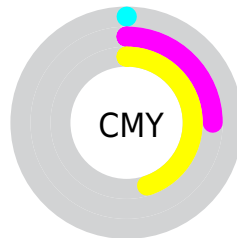


Cyan (0%)

Magenta (25%)

Yellow (45%)

Black (0%)



Cyan (0%)

Magenta (25%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 38.917, 63.510 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, 38.917, 63.510 by changing the saturation by 10% instead.

82, 38.917, 63.510

82, 38.917, 63.510

100, 38.917,
63.510

72, 38.917, 63.510

62, 38.917, 63.510

52, 38.917, 63.510

42, 38.917, 63.510

32, 38.917, 63.510

22, 38.917, 63.510

12, 38.917, 63.510

2, 38.917, 63.510

0, 38.917, 63.510

82, 38.917, 63.510

82, 38.917, 63.510

78, 48.619, 62.661

86, 29.320, 64.854

75, 58.807, 61.551

90, 20.405, 65.970

71, 68.936, 60.328

94, 11.987, 67.088

68, 78.237, 58.783

98, 4.031, 68.143

65, 85.424, 56.520

100, 0.012,
296.813

64, 88.056, 55.253

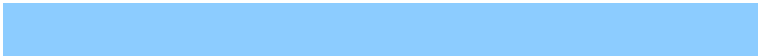
Harmonies

Complementary

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



82, 38.917, 63.510



80, 32.238, 256.856

Rectangle

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



82, 38.917, 63.510



82, 38.917, 113.510



82, 38.917, 243.510



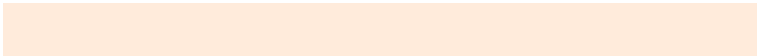
82, 38.917, 293.510

Sweetspot

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



82, 38.739, 63.752



94, 10.931, 67.232



72, 53.447, 344.541



49, 7.593, 66.993



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, 38.739, 63.752



79, 47.317, 62.803



96, 53.754, 102.661



51, 4.382, 67.721



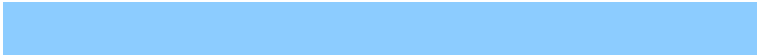
49, 70.573, 55.956



15, 27.181, 56.115

Inverse Universe

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



80, 32.238, 256.856



76, 37.844, 259.322



65, 59.848, 294.104



51, 4.246, 250.097



45, 51.790, 277.861



13, 21.381, 270.886

Previews

White Background



This preview shows how the CIELCh color 82, 38.917, 63.510 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, 38.917, 63.510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

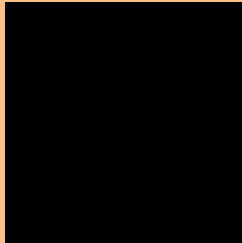
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 38.917, 63.510

Background



This preview shows how black text looks on a background with the CIELCh color 82, 38.917, 63.510.



This preview shows how white text looks on a background with the CIELCh color 82, 38.917, 63.510.

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, 38.964, 64.400

Protanopia

82, 31.607, 95.530

Deuteranopia

82, 36.273, 73.322

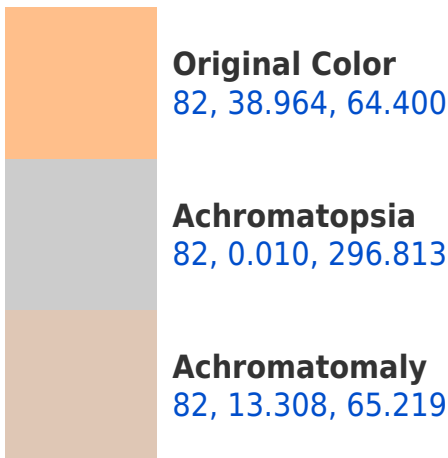


Tritanopia
82, 27.325, 7.350

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 38.917, 63.510 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(255, 191, 139)` looks like.

```
.text, #text, p{  
    color:rgb(255, 191, 139)  
}
```

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(255, 191, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 191, 139) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 38.917, 63.510 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(255, 191, 139) }
```

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

```
.border{ border-color:rgb(255, 191, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 191, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 191, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 191, 139);  
box-shadow:4px 4px 4px 4px rgb(255, 191,  
139) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 38.917, 63.510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 191, 139) }
```

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

```
.background{ background-color: rgb(255,  
191, 139) }
```

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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