

Converting Colors

CIELCh(82, 37.698, 63.427)

Have a look what the booklet for
CIELCh(82, 37.698, 63.427) contains.

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Color

CIELCh(82, 37.440, 63.439)

Conversions

Conversions Part 1

Format	Color
Hex	FEBF8E
RGB	254, 191, 142
RGB Percent	100%, 75%, 56%
CMY	0.0038, 0.2509, 0.4431
CMYK	0.00, 0.25, 0.44, 0.00
HSL	26°, 98%, 78%
HSV	26°, 44%, 100%
XYZ	64.3995, 60.2982, 33.8428
YIQ	204.2510, 53.2770, -1.8830

Conversions

Conversions Part 2

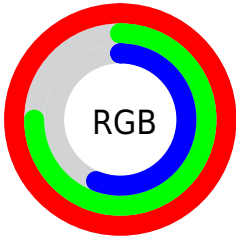
Format	Color
R _Y B	254, 229, 142
Decimal	16695182
CIE Lab	82.00, 16.74, 33.49
CIE LCh	82, 37.440, 63.439
Yxy	60.2982, 0.4062, 0.3803
Android (android.graphics.Color)	4294885262 (0xFFFEBF8E)
YUV	204.2510, -30.6897, 43.6299
Hunter-Lab	77.6519, 12.1455, 28.5161

Details

The CIELCh color **82, 37.440, 63.439** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **80, 31.216, 256.010**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 26.052, 101.457**, and **62, 37.436, 63.019** is the 20% darker color. If you saturate the color by 10%, you get **78, 47.251, 62.372**, and if you desaturate by 10%, it is **86, 28.104, 64.532**.

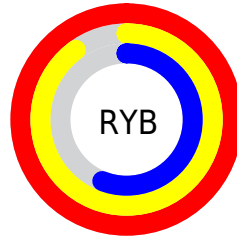
Distribution



Red (100%)

Green (75%)

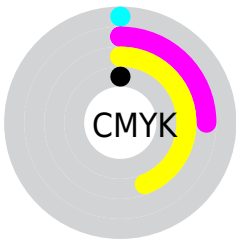
Blue (56%)



Red (100%)

Yellow (90%)

Blue (56%)

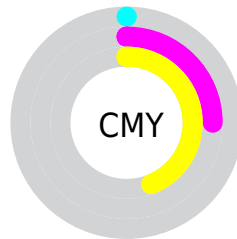


Cyan (0%)

Magenta (25%)

Yellow (44%)

Black (0%)



Cyan (0%)

Magenta (25%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 37.440, 63.439 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, 37.440, 63.439 by changing the saturation by 10% instead.

 82, 37.440, 63.439

 82, 37.440, 63.439

 100, 37.440,
63.439

 72, 37.440, 63.439

 62, 37.440, 63.439

 52, 37.440, 63.439

 42, 37.440, 63.439

 32, 37.440, 63.439

 22, 37.440, 63.439

 12, 37.440, 63.439

 2, 37.440, 63.439

 0, 37.440, 63.439

82, 37.440, 63.439

82, 37.440, 63.439

78, 47.251, 62.372

86, 28.104, 64.532

75, 57.408, 61.289

90, 19.279, 65.636

71, 67.580, 60.113

94, 10.952, 66.740

68, 77.063, 58.652

98, 3.087, 67.750

65, 84.622, 56.529

100, 0.340,
201.333

64, 87.991, 54.953

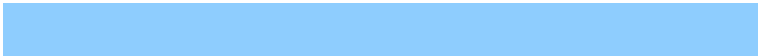
Harmonies

Complementary

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



82, 37.440, 63.439



80, 31.216, 256.010

Rectangle

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



82, 37.440, 63.439



82, 37.440, 113.439



82, 37.440, 243.439



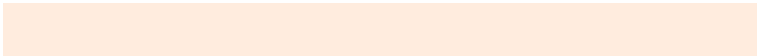
82, 37.440, 293.439

Sweetspot

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



82, 37.439, 63.444



95, 10.104, 66.859



73, 51.943, 344.392



50, 7.115, 66.617



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, 37.439, 63.444



79, 46.306, 62.488



96, 52.236, 102.785



51, 4.374, 67.234



49, 70.725, 55.647



15, 27.204, 55.709

Inverse Universe

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



80, 31.216, 256.010



76, 37.033, 258.479



65, 57.930, 293.856



51, 4.236, 249.594



45, 51.341, 277.349



13, 21.223, 270.348

Previews

White Background



This preview shows how the CIELCh color 82, 37.440, 63.439 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, 37.440, 63.439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

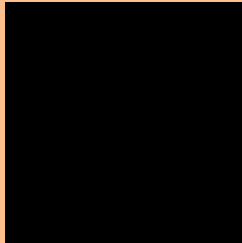
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 37.440, 63.439

Background



This preview shows how black text looks on a background with the CIELCh color 82, 37.440, 63.439.



This preview shows how white text looks on a background with the CIELCh color 82, 37.440, 63.439.

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, 37.440, 63.439

Protanopia

82, 30.089, 95.114

Deuteranopia

82, 35.382, 72.538



Tritanopia
82, 26.850, 8.191

Trichromacy



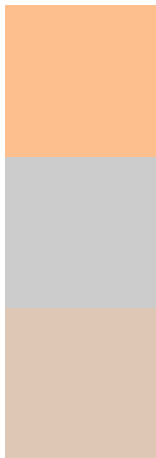
Original Color
82, 37.440, 63.439

Protanomaly
82, 31.172, 81.962

Deuteranomaly
82, 36.320, 69.507

Tritanomaly
82, 27.060, 32.529

Monochromacy



Original Color
82, 37.440, 63.439

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, 37.440, 63.439 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, 142)` looks like.

```
.text, #text, p{  
    color:rgb(254, 191, 142)  
}
```

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, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 191, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 37.440, 63.439 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, 142) }
```

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

```
.border{ border-color:rgb(254, 191, 142) }
```

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, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 191, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 191, 142);  
box-shadow:4px 4px 4px 4px rgb(254, 191,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 37.440, 63.439 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, 142) }
```

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

```
.background{ background-color: rgb(254,  
191, 142) }
```

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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