

Converting Colors

CIELCh(82, 33.364, 57.453)

Have a look what the booklet for
CIELCh(82, 33.364, 57.453) contains.

CIELCh(82, 33.588, 56.966)	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, 33.588, 56.966)

Conversions

Conversions Part 1

Format	Color
Hex	FEBE98
RGB	254, 190, 152
RGB Percent	100%, 75%, 60%
CMY	0.0031, 0.2541, 0.4032
CMYK	0.00, 0.25, 0.40, 0.00
HSL	22°, 98%, 80%
HSV	22°, 40%, 100%
XYZ	65.0921, 60.2982, 37.9965
YIQ	204.8040, 50.3420, 1.7500

Conversions

Conversions Part 2

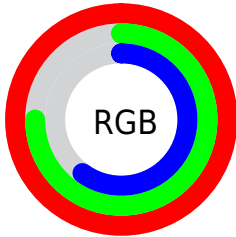
Format	Color
RYB	254, 213, 152
Decimal	16694936
CIELab	82.00, 18.31, 28.16
CIELCh	82, 33.588, 56.966
Yxy	60.2982, 0.3984, 0.3691
Android (android.graphics.Color)	4294885016 (0xFFFEBE98)
YUV	204.8040, -26.0324, 43.1449
Hunter-Lab	77.6519, 13.7376, 25.3446

Details

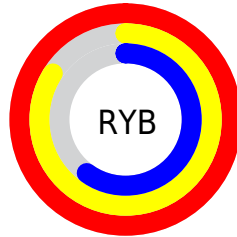
The CIELCh color **82, 33.588, 56.966** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83, 27.191, 246.474**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 20.114, 98.973**, and **62, 33.368, 56.388** is the 20% darker color. If you saturate the color by 10%, you get **78, 43.433, 56.217**, and if you desaturate by 10%, it is **86, 24.348, 57.788**.

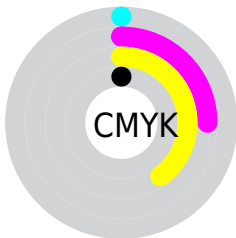
Distribution



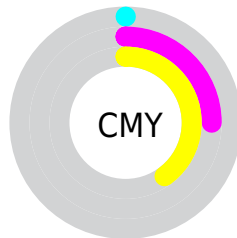
- Red (100%)
- Green (75%)
- Blue (60%)



- Red (100%)
- Yellow (84%)
- Blue (60%)



- Cyan (0%)
- Magenta (25%)
- Yellow (40%)
- Black (0%)



- Cyan (0%)
- Magenta (25%)
- Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 33.588, 56.966 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, 33.588, 56.966 by changing the saturation by 10% instead.

 82, 33.588, 56.966

 82, 33.588, 56.966

 100, 33.588,
56.966

 72, 33.588, 56.966

 62, 33.588, 56.966

 52, 33.588, 56.966

 42, 33.588, 56.966

 32, 33.588, 56.966

 22, 33.588, 56.966

 12, 33.588, 56.966

 2, 33.588, 56.966

 0, 33.588, 56.966

82, 33.588, 56.966

82, 33.588, 56.966

78, 43.433, 56.217

86, 24.348, 57.788

74, 53.820, 55.516

91, 15.712, 58.651

70, 64.540, 54.821

95, 7.643, 59.530

67, 75.091, 53.989

100, 0.090, 54.402

64, 84.424, 52.695

100, 0.272,
201.824

61, 91.265, 50.650

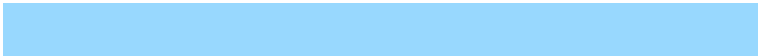
Harmonies

Complementary

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



82, 33.588, 56.966



83, 27.191, 246.474

Rectangle

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



82, 33.588, 56.966



82, 33.588, 106.966



82, 33.588, 236.966



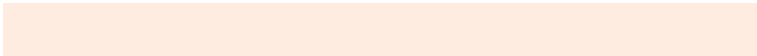
82, 33.588, 286.966

Sweetspot

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



82, 33.587, 56.972



95, 9.133, 59.368



75, 49.517, 340.471



50, 6.084, 59.253



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, 33.587, 56.972



79, 41.389, 56.372



94, 44.954, 99.651



51, 4.290, 59.583



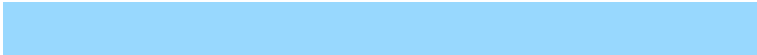
47, 73.240, 51.299



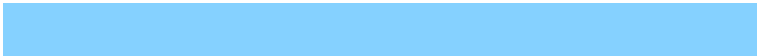
14, 27.710, 49.752

Inverse Universe

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



83, 27.191, 246.474



81, 31.908, 248.330



70, 48.395, 290.108



51, 4.114, 241.621



49, 45.015, 268.517



15, 19.037, 261.255

Previews

White Background



This preview shows how the CIELCh color 82, 33.588, 56.966 looks on a white background.

Color Contrast Check

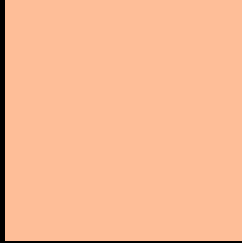
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 82, 33.588, 56.966 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, 33.588, 56.966

Background



This preview shows how black text looks on a background with the CIELCh color 82, 33.588, 56.966.



This preview shows how white text looks on a background with the CIELCh color 82, 33.588, 56.966.

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, 26.850, 8.191

Trichromacy



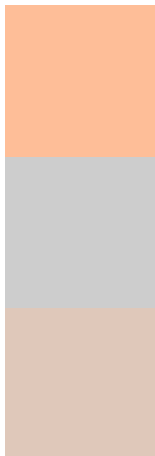
Original Color
82, 33.588, 56.966

Protanomaly
82, 26.241, 78.649

Deuteranomaly
82, 31.532, 65.640

Tritanomaly
82, 26.614, 29.331

Monochromacy



Original Color
82, 33.588, 56.966

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 11.507, 59.653

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 33.588, 56.966 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, 190, 152)` looks like.

```
.text, #text, p{  
    color:rgb(254, 190, 152)  
}
```

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, 190, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 190, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 33.588, 56.966 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, 190, 152) }
```

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

```
.border{ border-color:rgb(254, 190, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 190, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 190, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 190, 152);  
box-shadow:4px 4px 4px 4px rgb(254, 190,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 33.588, 56.966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 190, 152) }
```

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

```
.background{ background-color: rgb(254,  
190, 152) }
```

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