

Converting Colors

CIELCh(87, 49.483, 44.464)

Have a look what the booklet for
CIELCh(87, 49.483, 44.464) contains.

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Color

CIELCh(82, 33.186, 56.347)

Conversions

Conversions Part 1

Format	Color
Hex	FEBE99
RGB	254, 190, 153
RGB Percent	100%, 75%, 60%
CMY	0.0035, 0.2542, 0.3992
CMYK	0.00, 0.25, 0.40, 0.00
HSL	22°, 98%, 80%
HSV	22°, 40%, 100%
XYZ	65.1277, 60.2982, 38.4305
YIQ	204.9180, 50.0210, 2.0610

Conversions

Conversions Part 2

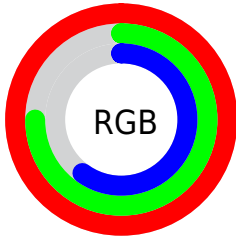
Format	Color
R _Y B	254, 211, 153
Decimal	16694937
CIE Lab	82.00, 18.39, 27.62
CIE LCh	82, 33.186, 56.347
Yxy	60.2982, 0.3975, 0.3680
Android (android.graphics.Color)	4294885017 (0xFFFE99)
YUV	204.9180, -25.5956, 43.0449
Hunter-Lab	77.6519, 13.8195, 25.0133

Details

The CIELCh color **82, 33.186, 56.347** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **84, 26.823, 245.538**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 19.613, 98.778**, and **62, 32.984, 55.734** is the 20% darker color. If you saturate the color by 10%, you get **78, 43.026, 55.630**, and if you desaturate by 10%, it is **86, 23.961, 57.140**.

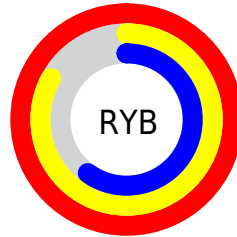
Distribution



Red (100%)

Green (75%)

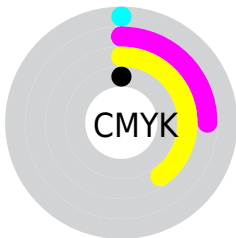
Blue (60%)



Red (100%)

Yellow (83%)

Blue (60%)

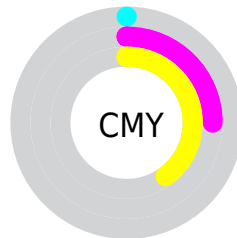


Cyan (0%)

Magenta (25%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (25%)

Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 33.186, 56.347 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, 33.186, 56.347 by changing the saturation by 10% instead.

 82, 33.186, 56.347

 82, 33.186, 56.347

 100, 33.186,
56.347

 72, 33.186, 56.347

 62, 33.186, 56.347

 52, 33.186, 56.347

 42, 33.186, 56.347

 32, 33.186, 56.347

 22, 33.186, 56.347

 12, 33.186, 56.347

 2, 33.186, 56.347

 0, 33.186, 56.347

82, 33.186, 56.347

82, 33.186, 56.347

78, 43.026, 55.630

86, 23.961, 57.140

74, 53.422, 54.968

91, 15.347, 57.979

70, 64.178, 54.320

95, 7.304, 58.832

67, 74.808, 53.552

100, 0.219,
242.377

64, 84.292, 52.344

100, 0.312,
201.512

61, 91.354, 50.339

61, 91.550, 50.286

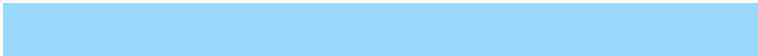
Harmonies

Complementary

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



82, 33.186, 56.347



84, 26.823, 245.538

Rectangle

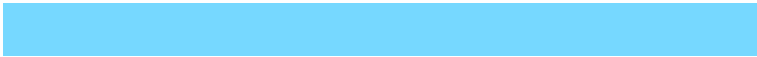
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82, 33.186, 56.347



82, 33.186, 106.347



82, 33.186, 236.347



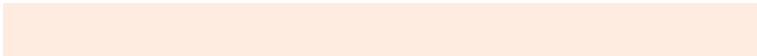
82, 33.186, 286.347

Sweetspot

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



82, 33.185, 56.353



94, 9.125, 58.639



75, 49.527, 339.616



50, 6.080, 58.528



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, 33.185, 56.353



79, 41.422, 55.748



94, 43.804, 98.739



51, 4.287, 58.849



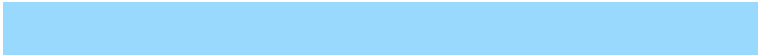
46, 73.490, 50.928



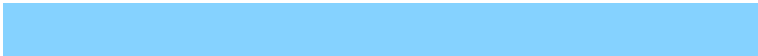
14, 27.772, 49.219

Inverse Universe

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



84, 26.823, 245.538



81, 31.764, 247.465



71, 46.876, 289.211



51, 4.106, 240.849



49, 44.480, 267.582



15, 18.858, 260.314

Previews

White Background



This preview shows how the CIELCh color 82, 33.186, 56.347 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, 33.186, 56.347 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

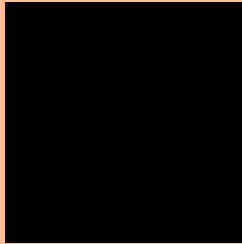
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 33.186, 56.347

Background



This preview shows how black text looks on a background with the CIELCh color 82, 33.186, 56.347.



This preview shows how white text looks on a background with the CIELCh color 82, 33.186, 56.347.

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, 33.228, 56.336

Protanopia

82, 24.313, 94.812

Deuteranopia

82, 29.910, 70.205



Tritanopia
82, 26.925, 7.091

Trichromacy



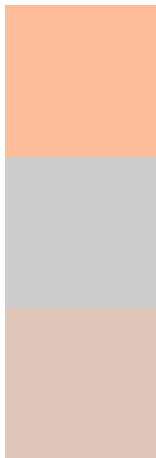
Original Color
82, 33.228, 56.336

Protanomaly
82, 25.775, 78.158

Deuteranomaly
82, 31.123, 65.071

Tritanomaly
82, 26.486, 28.241

Monochromacy



Original Color
82, 33.228, 56.336

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, 33.186, 56.347 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, 153)` looks like.

```
.text, #text, p{  
    color:rgb(254, 190, 153)  
}
```

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, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 190, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 33.186, 56.347 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, 153) }
```

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

```
.border{ border-color:rgb(254, 190, 153) }
```

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, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 190, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 190, 153);  
box-shadow:4px 4px 4px 4px rgb(254, 190,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 33.186, 56.347 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, 153) }
```

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

```
.background{ background-color: rgb(254,  
190, 153) }
```

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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