

Converting Colors

CIELCh(82, 30.756, 50.705)

Have a look what the booklet for
CIELCh(82, 30.756, 50.705) contains.

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Color

CIELCh(82, 30.837, 51.484)

Conversions

Conversions Part 1

Format	Color
Hex	<code>FEBEA0</code>
RGB	<code>254, 190, 160</code>
RGB Percent	<code>100%, 75%, 63%</code>
CMY	<code>0.0048, 0.2557, 0.3733</code>
CMYK	<code>0.00, 0.25, 0.37, 0.00</code>
HSL	<code>19°, 97%, 81%</code>
HSV	<code>19°, 37%, 100%</code>
XYZ	<code>65.4886, 60.2982, 41.3537</code>
YIQ	<code>205.7160, 47.7740, 4.2380</code>

Conversions

Conversions Part 2

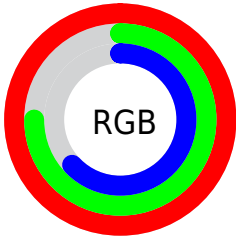
Format	Color
RYB	254, 204, 160
Decimal	16694944
CIELab	82.00, 19.20, 24.13
CIELCh	82, 30.837, 51.484
Yxy	60.2982, 0.3918, 0.3608
Android (android.graphics.Color)	4294885024 (0xFFFEBEA0)
YUV	205.7160, -22.5380, 42.3451
Hunter-Lab	77.6519, 14.6492, 22.7813

Details

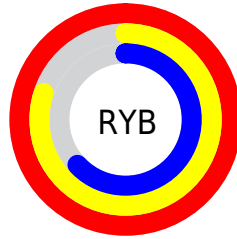
The CIELCh color **82, 30.837, 51.484** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **86, 24.655, 238.385**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 16.117, 96.999**, and **62, 31.170, 51.045** is the 20% darker color. If you saturate the color by 10%, you get **78, 40.692, 51.032**, and if you desaturate by 10%, it is **87, 21.659, 52.045**.

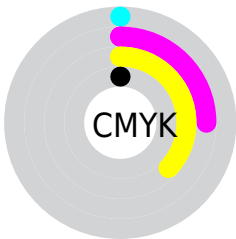
Distribution



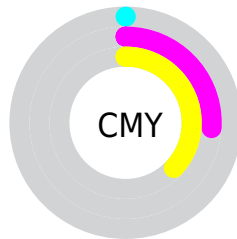
- Red (100%)
- Green (75%)
- Blue (63%)



- Red (100%)
- Yellow (80%)
- Blue (63%)



- Cyan (0%)
- Magenta (25%)
- Yellow (37%)
- Black (0%)



- Cyan (0%)
- Magenta (26%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 30.837, 51.484 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, 30.837, 51.484 by changing the saturation by 10% instead.

 82, 30.837, 51.484

 82, 30.837, 51.484

 100, 30.837,
51.484

 72, 30.837, 51.484

 62, 30.837, 51.484

 52, 30.837, 51.484

 42, 30.837, 51.484

 32, 30.837, 51.484

 22, 30.837, 51.484

 12, 30.837, 51.484

 2, 30.837, 51.484

 0, 30.837, 51.484

82, 30.837, 51.484

82, 30.837, 51.484

78, 40.692, 51.032

87, 21.659, 52.045

73, 51.193, 50.680

91, 13.137, 52.672

69, 62.199, 50.410

96, 5.225, 53.310

66, 73.333, 50.123

100, 0.425,
200.939

62, 83.742, 49.551

60, 91.855, 48.165

59, 93.907, 47.713

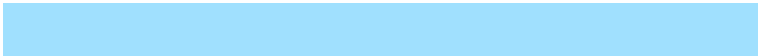
Harmonies

Complementary

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



82, 30.837, 51.484



86, 24.655, 238.385

Rectangle

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



82, 30.837, 51.484



82, 30.837, 101.484



82, 30.837, 231.484



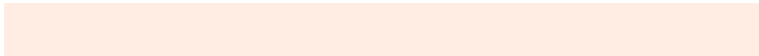
82, 30.837, 281.484

Sweetspot

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



82, 30.836, 51.490



95, 8.329, 53.066



77, 47.273, 337.812



50, 5.625, 52.978



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, 30.836, 51.490



79, 37.782, 51.159



93, 39.621, 97.048



51, 4.281, 53.161



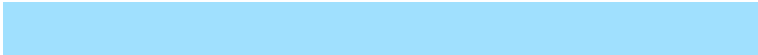
45, 75.434, 48.299



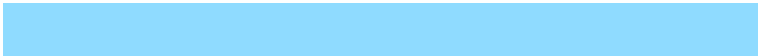
13, 28.310, 45.307

Inverse Universe

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



86, 24.655, 238.385



84, 28.731, 239.726



74, 41.731, 286.950



51, 4.075, 234.830



52, 40.765, 259.751



16, 17.647, 252.589

Previews

White Background



This preview shows how the CIELCh color 82, 30.837, 51.484 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, 30.837, 51.484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

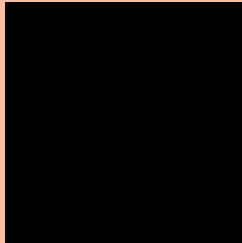
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 30.837, 51.484

Background



This preview shows how black text looks on a background with the CIELCh color 82, 30.837, 51.484.

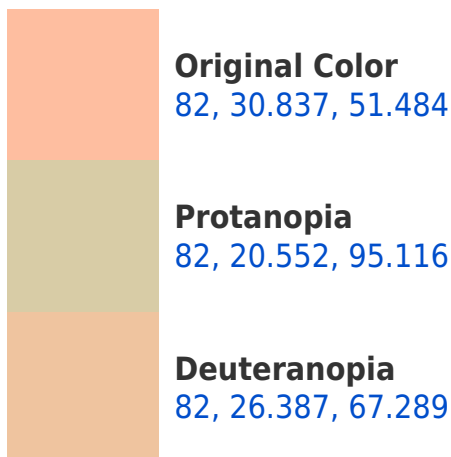


This preview shows how white text looks on a background with the CIELCh color 82, 30.837, 51.484.

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, 26.925, 7.091

Trichromacy



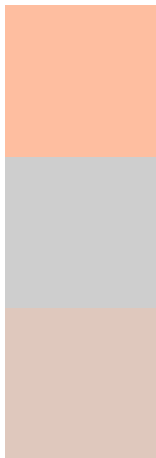
Original Color
82, 30.837, 51.484

Protanomaly
82, 22.343, 74.944

Deuteranomaly
82, 27.730, 61.671

Tritanomaly
82, 26.507, 23.791

Monochromacy



Original Color
82, 30.837, 51.484

Achromatopsia
83, 0.010, 296.813

Achromatomaly
82, 10.511, 53.304

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 30.837, 51.484 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, 160)` looks like.

```
.text, #text, p{  
    color:rgb(254, 190, 160)  
}
```

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, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 190, 160) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 30.837, 51.484 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, 160) }
```

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

```
.border{ border-color:rgb(254, 190, 160) }
```

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, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 190, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 190, 160);  
box-shadow:4px 4px 4px 4px rgb(254, 190,  
160) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 30.837, 51.484 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, 160) }
```

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

```
.background{ background-color: rgb(254,  
190, 160) }
```

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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