

Converting Colors

CIELCh(82, 30.074, 49.790)

Have a look what the booklet for
CIELCh(82, 30.074, 49.790) contains.

CIELCh(82, 30.202, 49.948)	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, 30.202, 49.948)

Conversions

Conversions Part 1

Format	Color
Hex	FEBEA2
RGB	254, 190, 162
RGB Percent	100%, 75%, 64%
CMY	0.0052, 0.2561, 0.3659
CMYK	0.00, 0.25, 0.36, 0.01
HSL	18°, 97%, 81%
HSV	18°, 36%, 99%
XYZ	65.5915, 60.2982, 42.2244
YIQ	205.9440, 47.1320, 4.8600

Conversions

Conversions Part 2

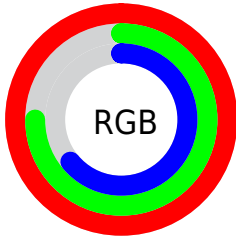
Format	Color
RYB	254, 202, 162
Decimal	16694946
CIELab	82.00, 19.43, 23.12
CIELCh	82, 30.202, 49.948
Yxy	60.2982, 0.3902, 0.3587
Android (android.graphics.Color)	4294885026 (0xFFFEBEA2)
YUV	205.9440, -21.6644, 42.1451
Hunter-Lab	77.6519, 14.8858, 22.1165

Details

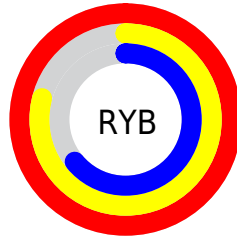
The CIELCh color **82, 30.202, 49.948** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **87, 24.100, 236.149**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 15.122, 96.315**, and **62, 30.486, 49.471** is the 20% darker color. If you saturate the color by 10%, you get **77, 40.067, 49.583**, and if you desaturate by 10%, it is **87, 21.029, 50.432**.

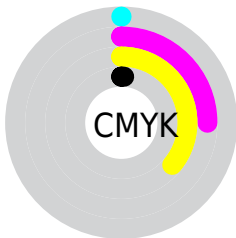
Distribution



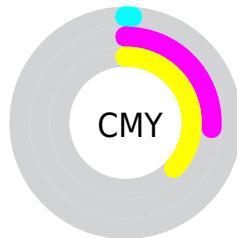
- Red (100%)
- Green (75%)
- Blue (64%)



- Red (100%)
- Yellow (79%)
- Blue (64%)



- Cyan (0%)
- Magenta (25%)
- Yellow (36%)
- Black (1%)



- Cyan (1%)
- Magenta (26%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 30.202, 49.948 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, 30.202, 49.948 by changing the saturation by 10% instead.

 82, 30.202, 49.948

 82, 30.202, 49.948

 100, 30.202,
49.948

 72, 30.202, 49.948

 62, 30.202, 49.948

 52, 30.202, 49.948

 42, 30.202, 49.948

 32, 30.202, 49.948

 22, 30.202, 49.948

 12, 30.202, 49.948

 2, 30.202, 49.948

 0, 30.202, 49.948

82, 30.202, 49.948

82, 30.202, 49.948

77, 40.067, 49.583

87, 21.029, 50.432

73, 50.600, 49.331

92, 12.524, 50.989

69, 61.671, 49.182

96, 4.639, 51.551

65, 72.930, 49.046

100, 0.464,
200.804

62, 83.571, 48.672

59, 92.027, 47.524

58, 94.632, 46.994

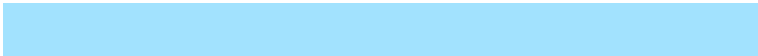
Harmonies

Complementary

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



82, 30.202, 49.948



87, 24.100, 236.149

Rectangle

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



82, 30.202, 49.948



82, 30.202, 99.948



82, 30.202, 229.948



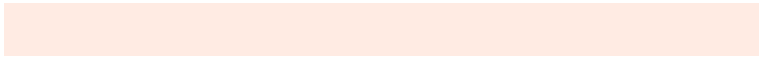
82, 30.202, 279.948

Sweetspot

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



82, 30.201, 49.954



95, 8.344, 51.295



77, 46.811, 336.999



50, 5.635, 51.217



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, 30.201, 49.954



79, 37.946, 49.656



93, 38.193, 96.091



51, 4.288, 51.381



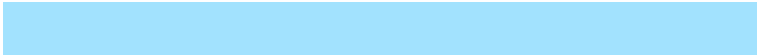
44, 76.041, 47.559



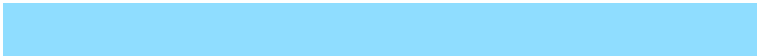
13, 28.498, 44.156

Inverse Universe

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



87, 24.100, 236.149



84, 28.585, 237.557



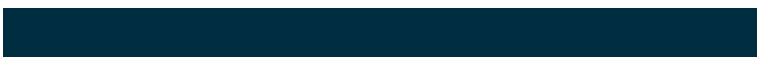
74, 39.961, 285.880



51, 4.075, 232.933



52, 39.767, 257.070



16, 17.335, 250.008

Previews

White Background



This preview shows how the CIELCh color 82, 30.202, 49.948 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, 30.202, 49.948 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

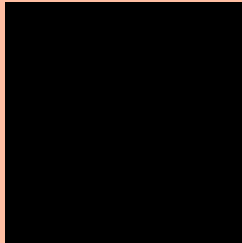
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 30.202, 49.948

Background



This preview shows how black text looks on a background with the CIELCh color 82, 30.202, 49.948.

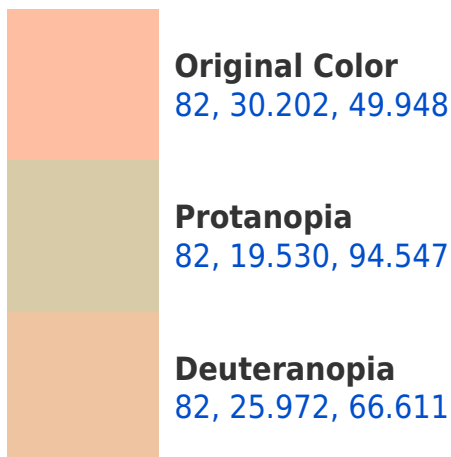


This preview shows how white text looks on a background with the CIELCh color 82, 30.202, 49.948.

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



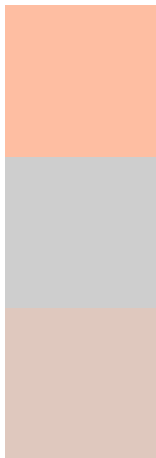
Original Color
82, 30.202, 49.948

Protanomaly
82, 21.448, 73.564

Deuteranomaly
82, 26.967, 60.206

Tritanomaly
82, 26.507, 23.791

Monochromacy



Original Color
82, 30.202, 49.948

Achromatopsia
83, 0.010, 296.813

Achromatomaly
82, 10.213, 50.917

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 30.202, 49.948 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(254, 190, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 190, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 30.202, 49.948 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, 162) }
```

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

```
.border{ border-color:rgb(254, 190, 162) }
```

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, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 190, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 190, 162);  
box-shadow:4px 4px 4px 4px rgb(254, 190,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 30.202, 49.948 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, 162) }
```

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

```
.background{ background-color: rgb(254,  
190, 162) }
```

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