

Converting Colors

CIELCh(82, 21.881, 46.899)

Have a look what the booklet for
CIELCh(82, 21.881, 46.899) contains.

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Color

CIELCh(82, 21.693, 46.432)

Conversions

Conversions Part 1

Format	Color
Hex	F2C1AF
RGB	242, 193, 175
RGB Percent	95%, 76%, 69%
CMY	0.0498, 0.2420, 0.3127
CMYK	0.00, 0.20, 0.28, 0.05
HSL	16°, 73%, 82%
HSV	16°, 28%, 95%
XYZ	63.6151, 60.2982, 48.9837
YIQ	205.5990, 34.9820, 4.7900

Conversions

Conversions Part 2

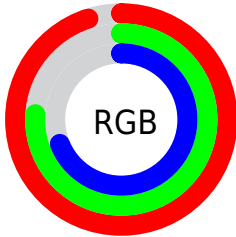
Format	Color
R _Y B	242, 200, 175
Decimal	15909295
CIE Lab	82.00, 14.95, 15.72
CIE LCh	82, 21.693, 46.432
Yxy	60.2982, 0.3679, 0.3488
Android (android.graphics.Color)	4294099375 (0xFFFF2C1AF)
YUV	205.5990, -15.0853, 31.9237
Hunter-Lab	77.6519, 10.3425, 16.9555

Details

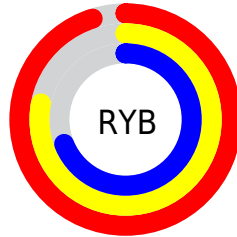
The CIELCh color **82, 21.693, 46.432** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87, 18.186, 229.963**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 9.806, 98.796**, and **62, 21.661, 45.172** is the 20% darker color. If you saturate the color by 10%, you get **77, 30.760, 46.189**, and if you desaturate by 10%, it is **87, 13.302, 46.796**.

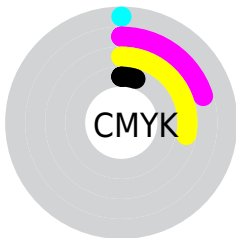
Distribution



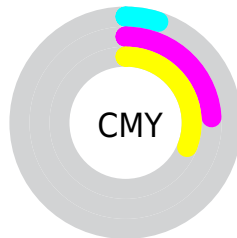
- Red (95%)
- Green (76%)
- Blue (69%)



- Red (95%)
- Yellow (78%)
- Blue (69%)



- Cyan (0%)
- Magenta (20%)
- Yellow (28%)
- Black (5%)



- Cyan (5%)
- Magenta (24%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 21.693, 46.432 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, 21.693, 46.432 by changing the saturation by 10% instead.

 82, 21.693, 46.432

 82, 21.693, 46.432

 100, 21.693,
46.432

 72, 21.693, 46.432

 62, 21.693, 46.432

 52, 21.693, 46.432

 42, 21.693, 46.432

 32, 21.693, 46.432

 22, 21.693, 46.432

 12, 21.693, 46.432

 2, 21.693, 46.432

 0, 21.693, 46.432

82, 21.693, 46.432

82, 21.693, 46.432

77, 30.760, 46.189

87, 13.302, 46.796

73, 40.526, 46.076

92, 5.546, 47.196

69, 50.952, 46.117

97, 1.636, 228.198

65, 61.893, 46.298

99, 4.382, 199.279

61, 72.973, 46.522

58, 83.332, 46.501

55, 91.381, 45.679

55, 93.035, 45.498

Harmonies

Complementary

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



82, 21.693, 46.432



87, 18.186, 229.963

Rectangle

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



82, 21.693, 46.432



82, 21.693, 96.432



82, 21.693, 226.432



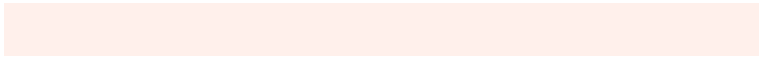
82, 21.693, 276.432

Sweetspot

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



82, 21.692, 46.440



96, 6.045, 47.183



79, 35.326, 334.894



50, 4.322, 47.125



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, 21.692, 46.440



83, 27.576, 46.288



90, 27.183, 94.983



49, 4.179, 47.127



42, 75.879, 45.997



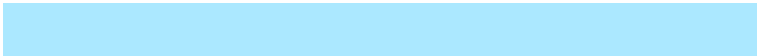
11, 26.496, 40.394

Inverse Universe

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



87, 18.186, 229.963



89, 22.211, 230.622



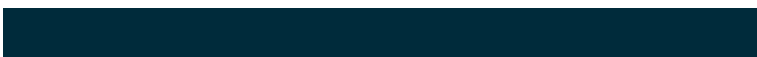
78, 27.839, 282.297



49, 3.957, 228.376



53, 36.950, 250.090



16, 15.788, 242.750

Previews

White Background



This preview shows how the CIELCh color 82, 21.693, 46.432 looks on a white background.

Color Contrast Check

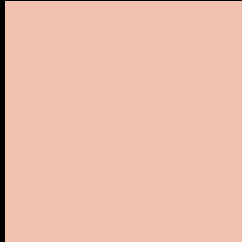
Large Text (above 18pt) WCAG AA × Fail

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, 21.693, 46.432 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, 21.693, 46.432

Background



This preview shows how black text looks on a background with the CIELCh color 82, 21.693, 46.432.

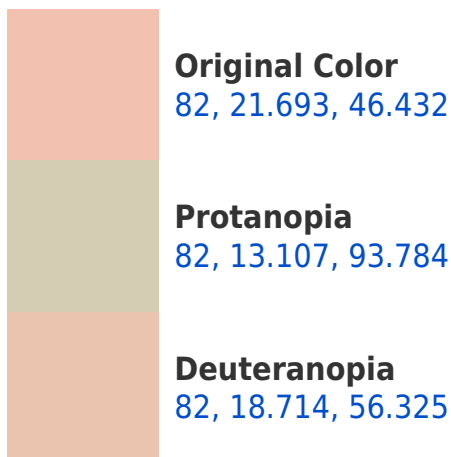


This preview shows how white text looks on a background with the CIELCh color 82, 21.693, 46.432.

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, 22.334, 0.640

Trichromacy



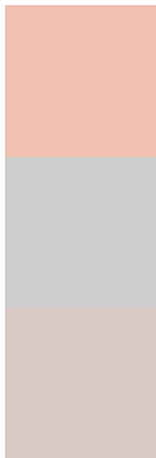
Original Color
82, 21.693, 46.432

Protanomaly
82, 14.930, 70.536

Deuteranomaly
82, 19.746, 52.481

Tritanomaly
82, 20.255, 16.591

Monochromacy



Original Color
82, 21.693, 46.432

Achromatopsia
83, 0.010, 296.813

Achromatomaly
82, 7.450, 44.883

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 21.693, 46.432 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(242, 193, 175)` looks like.

```
.text, #text, p{  
    color:rgb(242, 193, 175)  
}
```

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(242, 193, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 193, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 21.693, 46.432 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(242, 193, 175) }
```

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

```
.border{ border-color:rgb(242, 193, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 193, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 193, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 193, 175);  
box-shadow:4px 4px 4px 4px rgb(242, 193,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 21.693, 46.432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 193, 175) }
```

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

```
.background{ background-color: rgb(242,  
193, 175) }
```

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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