

Converting Colors

CIELCh(82, 15.554, 14.816)

Have a look what the booklet for
CIELCh(82, 15.554, 14.816) contains.

CIELCh(82, 15.554, 14.816)	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, 15.554, 14.816)

Conversions

Conversions Part 1

Format	Color
Hex	EBC2C5
RGB	235, 194, 197
RGB Percent	92%, 76%, 77%
CMY	0.0783, 0.2391, 0.2273
CMYK	0.00, 0.17, 0.16, 0.08
HSL	356°, 51%, 84%
HSV	356°, 17%, 92%
XYZ	63.6525, 60.2982, 61.1263
YIQ	206.6010, 23.4730, 9.6250

Conversions

Conversions Part 2

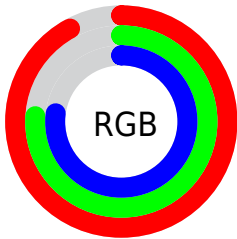
Format	Color
RYB	235, 194, 197
Decimal	15450821
CIELab	82.00, 15.04, 3.98
CIElCh	82, 15.554, 14.816
Yxy	60.2982, 0.3439, 0.3258
Android (android.graphics.Color)	4293640901 (0xFFEBC2C5)
YUV	206.6010, -4.7333, 24.9059
Hunter-Lab	77.6519, 10.4285, 7.6842

Details

The CIELCh color **82, 15.554, 14.816** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 14.096, 192.132**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.091, 332.256**, and **62, 15.781, 14.957** is the 20% darker color. If you saturate the color by 10%, you get **76, 25.297, 15.995**, and if you desaturate by 10%, it is **88, 6.410, 13.837**.

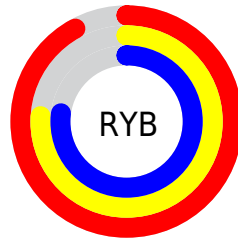
Distribution



Red (92%)

Green (76%)

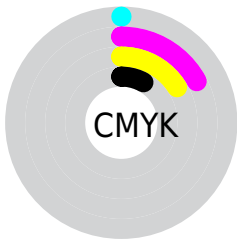
Blue (77%)



Red (92%)

Yellow (76%)

Blue (77%)

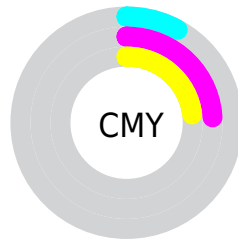


Cyan (0%)

Magenta (17%)

Yellow (16%)

Black (8%)



Cyan (8%)

Magenta (24%)

Yellow (23%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 15.554, 14.816 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, 15.554, 14.816 by changing the saturation by 10% instead.

 82, 15.554, 14.816

 82, 15.554, 14.816

 100, 15.554,
14.816

 72, 15.554, 14.816

 62, 15.554, 14.816

 52, 15.554, 14.816

 42, 15.554, 14.816

 32, 15.554, 14.816

 22, 15.554, 14.816

 12, 15.554, 14.816

 2, 15.554, 14.816

 0, 15.554, 14.816

82, 15.554, 14.816

82, 15.554, 14.816

76, 25.297, 15.995

88, 6.410, 13.837

70, 35.579, 17.462

95, 2.122, 193.461

65, 46.246, 19.330

99, 6.839, 199.069

60, 57.042, 21.725

56, 67.626, 24.770

53, 77.618, 28.517

50, 86.607, 32.790

49, 93.854, 36.895

49, 95.357, 37.694

Harmonies

Complementary

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



82, 15.554, 14.816



90, 14.096, 192.132

Rectangle

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



82, 15.554, 14.816



82, 15.554, 64.816



82, 15.554, 194.816



82, 15.554, 244.816

Sweetspot

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



82, 15.552, 14.823



97, 4.562, 13.593



83, 25.468, 323.039



51, 3.120, 13.667



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, 15.552, 14.823



86, 20.253, 15.223



86, 12.764, 64.002



46, 4.919, 14.031



38, 77.806, 37.056



7, 28.243, 19.737

Inverse Universe

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



82, 15.552, 14.823



86, 20.253, 15.223



86, 11.903, 248.134



46, 4.919, 14.031



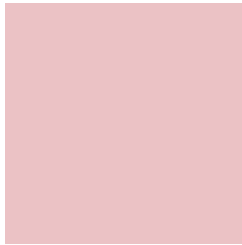
38, 77.806, 37.056



7, 28.243, 19.737

Previews

White Background



This preview shows how the CIELCh color 82, 15.554, 14.816 looks on a white background.

Color Contrast Check

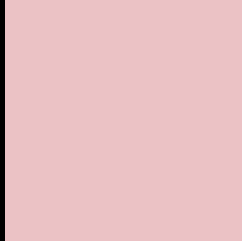
Large Text (above 18pt) WCAG AA × Fail

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, 15.554, 14.816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

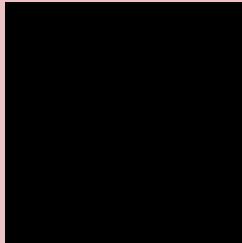
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 15.554, 14.816

Background



This preview shows how black text looks on a background with the CIELCh color 82, 15.554, 14.816.

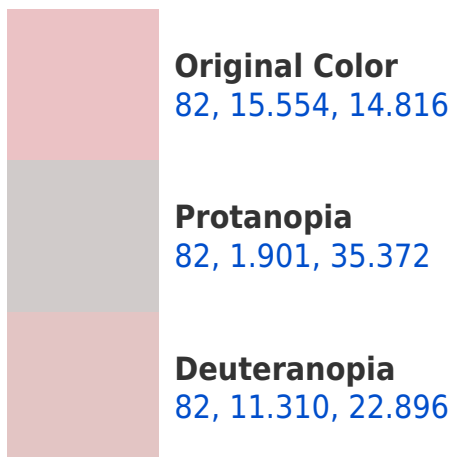


This preview shows how white text looks on a background with the CIELCh color 82, 15.554, 14.816.

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](#).

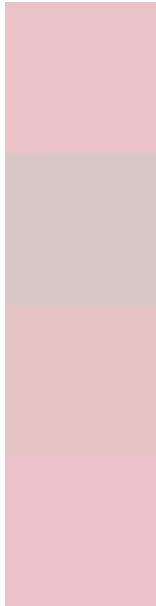
Dichromacy





Tritanopia
82, 18.111, 355.034

Trichromacy



Original Color
82, 15.554, 14.816

Protanomaly
82, 6.684, 19.837

Deuteranomaly
82, 12.827, 20.371

Tritanomaly
82, 16.887, 2.633

Monochromacy



Original Color
82, 15.554, 14.816

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 5.564, 14.301

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 15.554, 14.816 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(235, 194, 197)` looks like.

```
.text, #text, p{  
    color:rgb(235, 194, 197)  
}
```

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(235, 194, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 194, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 15.554, 14.816 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(235, 194, 197) }
```

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

```
.border{ border-color:rgb(235, 194, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 194, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 194, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 194, 197);  
box-shadow:4px 4px 4px 4px rgb(235, 194,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 15.554, 14.816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 194, 197) }
```

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

```
.background{ background-color: rgb(235,  
194, 197) }
```

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