

Converting Colors

CIELCh(82, 15.100, 12.076)

Have a look what the booklet for
CIELCh(82, 15.100, 12.076) contains.

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Color

CIELCh(82, 15.257, 10.699)

Conversions

Conversions Part 1

Format	Color
Hex	EAC2C7
RGB	234, 194, 199
RGB Percent	92%, 76%, 78%
CMY	0.0817, 0.2386, 0.2190
CMYK	0.00, 0.17, 0.15, 0.08
HSL	353°, 49%, 84%
HSV	353°, 17%, 92%
XYZ	63.6328, 60.2982, 62.4077
YIQ	206.5300, 22.2350, 10.0350

Conversions

Conversions Part 2

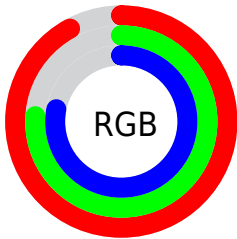
Format	Color
RYB	234, 194, 199
Decimal	15385287
CIELab	82.00, 14.99, 2.83
CIELCh	82, 15.257, 10.699
Yxy	60.2982, 0.3415, 0.3236
Android (android.graphics.Color)	4293575367 (0xFFEAC2C7)
YUV	206.5300, -3.7123, 24.0912
Hunter-Lab	77.6519, 10.3833, 6.7058

Details

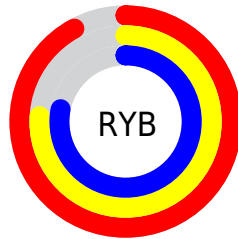
The CIELCh color **82, 15.257, 10.699** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90, 14.015, 187.779**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.492, 324.405**, and **62, 15.449, 10.638** is the 20% darker color. If you saturate the color by 10%, you get **76, 24.908, 11.937**, and if you desaturate by 10%, it is **88, 6.131, 9.649**.

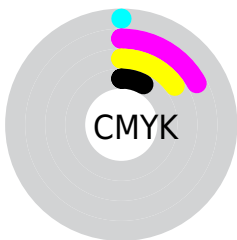
Distribution



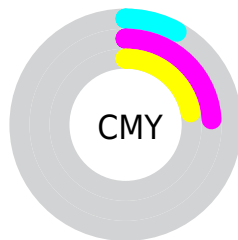
- Red (92%)
- Green (76%)
- Blue (78%)



- Red (92%)
- Yellow (76%)
- Blue (78%)



- Cyan (0%)
- Magenta (17%)
- Yellow (15%)
- Black (8%)



- Cyan (8%)
- Magenta (24%)
- Yellow (22%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 15.257, 10.699 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, 15.257, 10.699 by changing the saturation by 10% instead.

 82, 15.257, 10.699

 82, 15.257, 10.699

 100, 15.257,
10.699

 72, 15.257, 10.699

 62, 15.257, 10.699

 52, 15.257, 10.699

 42, 15.257, 10.699

 32, 15.257, 10.699

 22, 15.257, 10.699

 12, 15.257, 10.699

 2, 15.257, 10.699

 0, 15.257, 10.699

82, 15.257, 10.699

82, 15.257, 10.699

76, 24.908, 11.937

88, 6.131, 9.649

70, 35.006, 13.450

95, 2.440, 189.157

65, 45.376, 15.349

99, 7.135, 199.047

60, 55.747, 17.763

56, 65.762, 20.830

53, 75.062, 24.657

50, 83.376, 29.190

49, 90.448, 33.995

49, 92.313, 35.228

Harmonies

Complementary

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



82, 15.257, 10.699



90, 14.015, 187.779

Rectangle

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



82, 15.257, 10.699



82, 15.257, 60.699



82, 15.257, 190.699



82, 15.257, 240.699

Sweetspot

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



82, 15.255, 10.706



97, 4.608, 9.425



83, 24.514, 321.563



51, 3.151, 9.504



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, 15.255, 10.706



87, 19.313, 11.052



85, 12.334, 58.235



46, 4.962, 9.896



38, 75.447, 34.411



7, 28.079, 17.594

Inverse Universe

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



82, 15.255, 10.706



87, 19.313, 11.052



86, 11.365, 241.754



46, 4.962, 9.896



38, 75.447, 34.411



7, 28.079, 17.594

Previews

White Background



This preview shows how the CIELCh color 82, 15.257, 10.699 looks on a white background.

Color Contrast Check

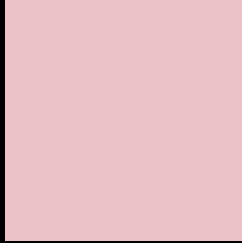
Large Text (above 18pt) WCAG AA × Fail

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, 15.257, 10.699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

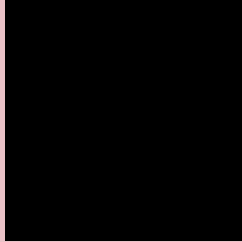
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 15.257, 10.699

Background



This preview shows how black text looks on a background with the CIELCh color 82, 15.257, 10.699.

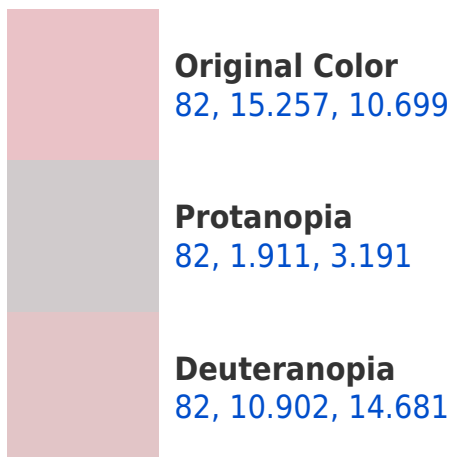


This preview shows how white text looks on a background with the CIELCh color 82, 15.257, 10.699.

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](#).

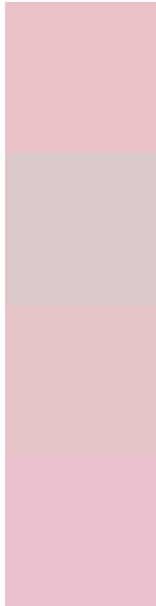
Dichromacy





Tritanopia
82, 17.424, 353.866

Trichromacy



Original Color
82, 15.257, 10.699

Protanomaly
82, 6.749, 10.862

Deuteranomaly
82, 12.470, 13.093

Tritanomaly
82, 16.840, 358.748

Monochromacy



Original Color
82, 15.257, 10.699

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 5.633, 8.960

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 15.257, 10.699 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(234, 194, 199)` looks like.

```
.text, #text, p{  
    color:rgb(234, 194, 199)  
}
```

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(234, 194, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 194, 199) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 15.257, 10.699 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(234, 194, 199) }
```

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

```
.border{ border-color:rgb(234, 194, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 194, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 194, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 194, 199);  
box-shadow:4px 4px 4px 4px rgb(234, 194,  
199) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 15.257, 10.699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 194, 199) }
```

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

```
.background{ background-color: rgb(234,  
194, 199) }
```

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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