

Converting Colors

CIELCh(82, 12.278, 42.824)

Have a look what the booklet for
CIELCh(82, 12.278, 42.824) contains.

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Color

CIELCh(82, 12.061, 43.221)

Conversions

Conversions Part 1

Format	Color
Hex	E3C6BD
RGB	227, 198, 189
RGB Percent	89%, 78%, 74%
CMY	0.1104, 0.2241, 0.2594
CMYK	0.00, 0.13, 0.17, 0.11
HSL	14°, 40%, 82%
HSV	14°, 17%, 89%
XYZ	60.9640, 60.2982, 56.4893
YIQ	205.6450, 20.1730, 3.3490

Conversions

Conversions Part 2

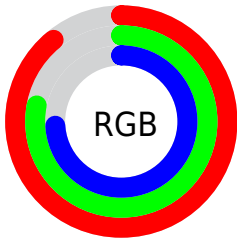
Format	Color
R _Y B	227, 201, 189
Decimal	14927549
CIE Lab	82.00, 8.79, 8.26
CIE LCh	82, 12.061, 43.221
Yxy	60.2982, 0.3430, 0.3392
Android (android.graphics.Color)	4293117629 (0xFFE3C6BD)
YUV	205.6450, -8.2060, 18.7283
Hunter-Lab	77.6519, 4.2483, 11.2247

Details

The CIELCh color **82, 12.061, 43.221** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85, 10.856, 224.777**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 5.059, 109.785**, and **62, 11.920, 42.240** is the 20% darker color. If you saturate the color by 10%, you get **77, 20.070, 43.044**, and if you desaturate by 10%, it is **87, 4.666, 43.467**.

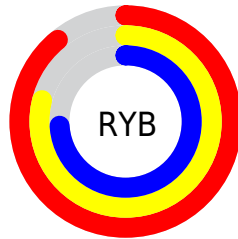
Distribution



Red (89%)

Green (78%)

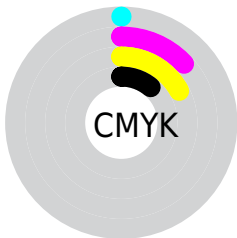
Blue (74%)



Red (89%)

Yellow (79%)

Blue (74%)

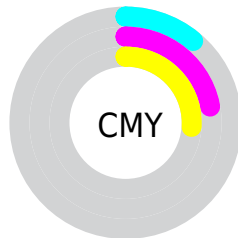


Cyan (0%)

Magenta (13%)

Yellow (17%)

Black (11%)



Cyan (11%)

Magenta (22%)

Yellow (26%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 12.061, 43.221 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, 12.061, 43.221 by changing the saturation by 10% instead.

 82, 12.061, 43.221

 82, 12.061, 43.221

 100, 12.061,
43.221

 72, 12.061, 43.221

 62, 12.061, 43.221

 52, 12.061, 43.221

 42, 12.061, 43.221

 32, 12.061, 43.221

 22, 12.061, 43.221

 12, 12.061, 43.221

 2, 12.061, 43.221

 0, 12.061, 43.221

82, 12.061, 43.221

82, 12.061, 43.221

77, 20.070, 43.044

87, 4.666, 43.467

73, 28.739, 42.977

92, 2.167, 224.248

68, 38.085, 43.069

97, 8.177, 218.081

64, 48.076, 43.346

98, 9.562, 198.871

60, 58.581, 43.807

57, 69.279, 44.375

54, 79.420, 44.792

51, 87.504, 44.482

51, 89.775, 44.388

Harmonies

Complementary

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



82, 12.061, 43.221



85, 10.856, 224.777

Rectangle

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



82, 12.061, 43.221



82, 12.061, 93.221



82, 12.061, 223.221



82, 12.061, 273.221

Sweetspot

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



82, 12.060, 43.234



97, 3.775, 43.485



81, 20.711, 332.797



52, 2.583, 43.480



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, 12.060, 43.234



89, 16.055, 43.159



87, 15.017, 94.053



45, 3.934, 43.412



39, 73.804, 44.853



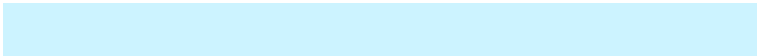
8, 21.824, 34.725

Inverse Universe

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



85, 10.856, 224.777



93, 14.117, 225.010



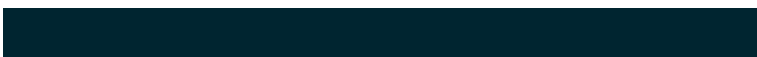
80, 15.149, 278.345



46, 3.718, 224.373



52, 34.144, 243.341



13, 13.648, 235.066

Previews

White Background



This preview shows how the CIELCh color 82, 12.061, 43.221 looks on a white background.

Color Contrast Check

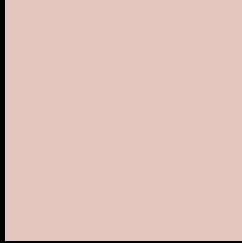
Large Text (above 18pt) WCAG AA × Fail

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, 12.061, 43.221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

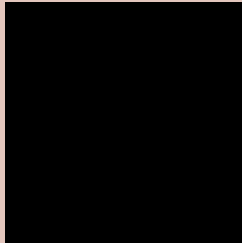
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 12.061, 43.221

Background



This preview shows how black text looks on a background with the CIELCh color 82, 12.061, 43.221.

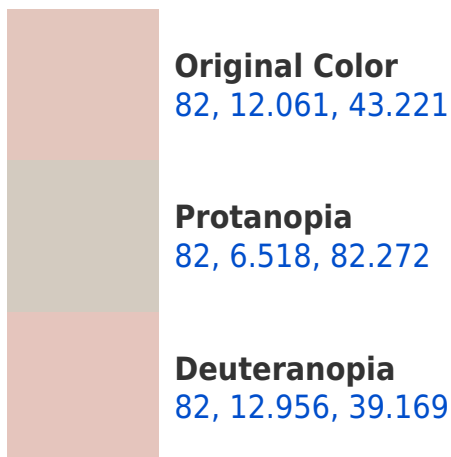


This preview shows how white text looks on a background with the CIELCh color 82, 12.061, 43.221.

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, 15.120, 349.063

Trichromacy



Original Color
82, 12.061, 43.221

Protanomaly
82, 8.012, 60.807

Deuteranomaly
82, 12.587, 39.724

Tritanomaly
82, 12.702, 5.999

Monochromacy



Original Color
82, 12.061, 43.221

Achromatopsia
83, 0.010, 296.813

Achromatomaly
82, 4.356, 40.844

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 12.061, 43.221 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(227, 198, 189)` looks like.

```
.text, #text, p{  
    color:rgb(227, 198, 189)  
}
```

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(227, 198, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 198, 189) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 12.061, 43.221 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(227, 198, 189) }
```

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

```
.border{ border-color:rgb(227, 198, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 198, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 198, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 198, 189);  
box-shadow:4px 4px 4px 4px rgb(227, 198,  
189) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 12.061, 43.221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 198, 189) }
```

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

```
.background{ background-color: rgb(227,  
198, 189) }
```

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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