

Converting Colors

CIELCh(82, 4.393, 63.070)

Have a look what the booklet for
CIELCh(82, 4.393, 63.070) contains.

CIELCh(82, 4.241, 57.951)	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, 4.241, 57.951)

Conversions

Conversions Part 1

Format	Color
Hex	D3CAC5
RGB	211, 202, 197
RGB Percent	83%, 79%, 77%
CMY	0.1715, 0.2068, 0.2264
CMYK	0.00, 0.04, 0.07, 0.17
HSL	21°, 14%, 80%
HSV	21°, 7%, 83%
XYZ	58.2325, 60.2982, 61.5527
YIQ	204.1210, 6.9690, 0.3530

Conversions

Conversions Part 2

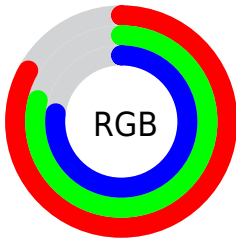
Format	Color
R _Y B	211, 205, 197
Decimal	13880005
CIE Lab	82.00, 2.25, 3.59
CIE LCh	82, 4.241, 57.951
Yxy	60.2982, 0.3234, 0.3348
Android (android.graphics.Color)	4292070085 (0xFFD3CAC5)
YUV	204.1210, -3.5107, 6.0329
Hunter-Lab	77.6519, -2.0306, 7.3587

Details

The CIELCh color **82, 4.241, 57.951** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 4.121, 239.427**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.496, 109.985**, and **62, 4.206, 61.147** is the 20% darker color. If you saturate the color by 10%, you get **78, 11.015, 57.196**, and if you desaturate by 10%, it is **86, 2.097, 239.219**.

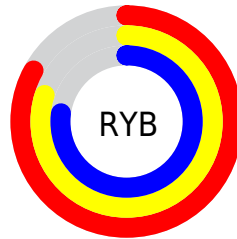
Distribution



Red (83%)

Green (79%)

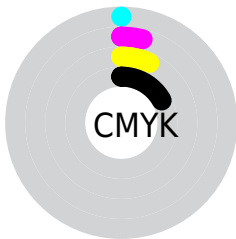
Blue (77%)



Red (83%)

Yellow (80%)

Blue (77%)

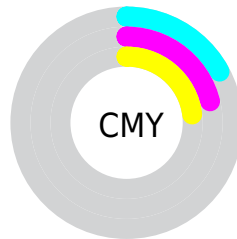


Cyan (0%)

Magenta (4%)

Yellow (7%)

Black (17%)



Cyan (17%)

Magenta (21%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 4.241, 57.951 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, 4.241, 57.951 by changing the saturation by 10% instead.



82, 4.241, 57.951

82, 4.241, 57.951

78, 11.015, 57.196

86, 2.097, 239.219

74, 18.271, 56.394

90, 8.047, 239.940

70, 26.047, 55.639

94, 12.102,
229.683

67, 34.361, 54.951

97, 14.598,
198.533

63, 43.189, 54.333

60, 52.417, 53.763

57, 61.752, 53.149

54, 70.534, 52.262

51, 77.589, 50.669

Harmonies

Complementary

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



82, 4.241, 57.951



82, 4.121, 239.427

Rectangle

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



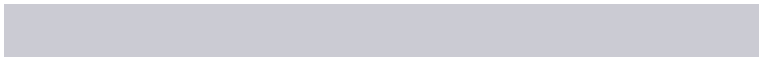
82, 4.241, 57.951



82, 4.241, 107.951



82, 4.241, 237.951



82, 4.241, 287.951

Sweetspot

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



82, 4.241, 57.984



99, 1.464, 58.117



81, 7.070, 336.800



53, 0.832, 58.106



0, 0.000, 0.000



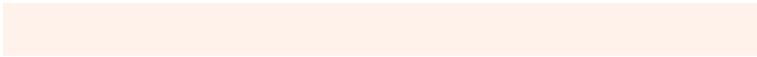
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82, 4.241, 57.984



96, 5.994, 57.878



84, 6.293, 102.512



42, 3.635, 57.777



41, 66.955, 50.742



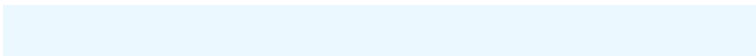
7, 16.372, 42.324

Inverse Universe

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



82, 4.121, 239.427



97, 5.780, 239.557



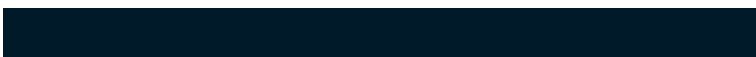
81, 6.368, 284.014



42, 3.482, 239.683



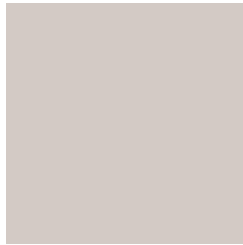
44, 39.505, 265.642



8, 13.407, 253.840

Previews

White Background



This preview shows how the CIELCh color 82, 4.241, 57.951 looks on a white background.

Color Contrast Check

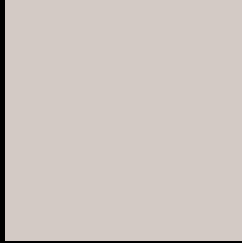
Large Text (above 18pt) WCAG AA × Fail

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, 4.241, 57.951 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

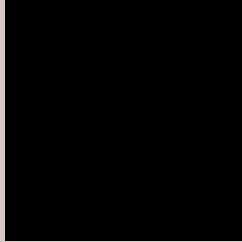
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

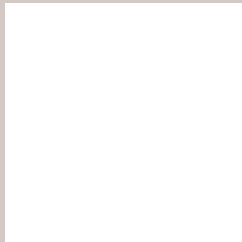
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 4.241, 57.951

Background



This preview shows how black text looks on a background with the CIELCh color 82, 4.241, 57.951.

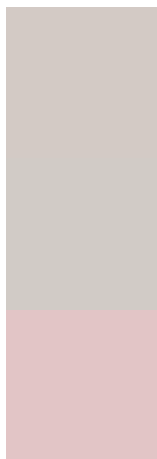


This preview shows how white text looks on a background with the CIELCh color 82, 4.241, 57.951.

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



Original Color


82, 4.241, 57.951

Protanopia

82, 3.431, 69.619

Deuteranopia

82, 10.884, 17.442



Tritanopia
82, 9.464, 322.967

Trichromacy



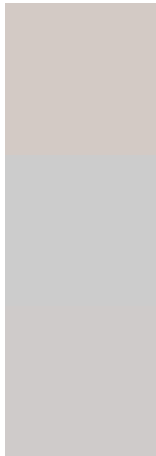
Original Color
82, 4.241, 57.951

Protanomaly
82, 3.681, 65.173

Deuteranomaly
82, 8.234, 23.634

Tritanomaly
82, 6.118, 335.999

Monochromacy



Original Color
82, 4.241, 57.951

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 1.550, 39.069

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 4.241, 57.951 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(211, 202, 197)` looks like.

```
.text, #text, p{  
    color:rgb(211, 202, 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(211, 202, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 202, 197) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 4.241, 57.951 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(211, 202, 197) }
```

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

```
.border{ border-color:rgb(211, 202, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 202, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 202, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 202, 197);  
box-shadow:4px 4px 4px 4px rgb(211, 202,  
197) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 4.241, 57.951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 202, 197) }
```

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

```
.background{ background-color: rgb(211,  
202, 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