

Converting Colors

CIELCh(82, 11.441, 332.512)

Have a look what the booklet for
CIELCh(82, 11.441, 332.512)
contains.

CIELCh(82, 11.437, 332.484)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(82, 11.437, 332.484)

Conversions

Conversions Part 1

Format	Color
Hex	DBC6D6
RGB	219, 198, 214
RGB Percent	86%, 78%, 84%
CMY	0.1412, 0.2235, 0.1608
CMYK	0.00, 0.10, 0.02, 0.14
HSL	314°, 23%, 82%
HSV	314°, 10%, 86%
XYZ	61.5402, 60.2982, 72.0085
YIQ	206.1030, 7.3800, 9.4280

Conversions

Conversions Part 2

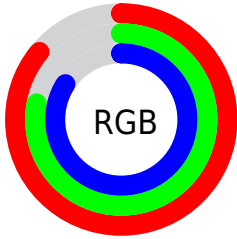
Format	Color
R _Y B	219, 198, 214
Decimal	14403286
CIE Lab	82.00, 10.14, -5.28
CIE LCh	82, 11.437, 332.484
Yxy	60.2982, 0.3175, 0.3111
Android (android.graphics.Color)	4292593366 (0xFFDBC6D6)
YUV	206.1030, 3.8932, 11.3107
Hunter-Lab	77.6519, 5.5728, -0.6247

Details

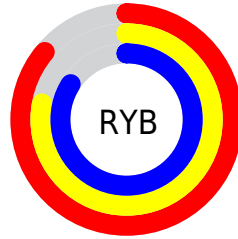
The CIELCh color `82, 11.437, 332.484` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `85, 11.391, 151.285`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `62, 11.416, 333.098` is the 20% darker color. If you saturate the color by 10%, you get `77, 23.485, 333.174`, and if you desaturate by 10%, it is `88, 0.478, 152.590`.

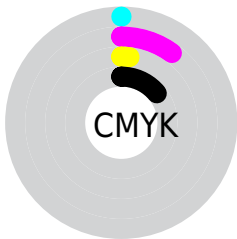
Distribution



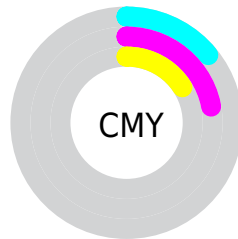
- Red (86%)
- Green (78%)
- Blue (84%)



- Red (86%)
- Yellow (78%)
- Blue (84%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)
- Black (14%)





- Cyan (14%)
- Magenta (22%)
- Yellow (16%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 11.437, 332.484 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, 11.437, 332.484 by changing the saturation by 10% instead.


 82, 11.437,
332.484


 82, 11.437,
332.484


 100, 11.437,
332.484


 72, 11.437,
332.484


 62, 11.437,
332.484

 52, 11.437,
332.484

 42, 11.437,
332.484

 32, 11.437,
332.484

 22, 11.437,
332.484

 12, 11.437,

332.484

■ 2, 11.437, 332.484

■ 0, 11.437, 332.484

■ 82, 11.437,
332.484

■ 82, 11.437,
332.484

■ 77, 23.485,
333.174

■ 88, 0.478, 152.590

■ 71, 35.491,
333.884

■ 93, 12.141,
151.292

■ 66, 47.176,
334.626

■ 97, 18.232,
153.101

■ 62, 58.154,
335.408

■ 97, 16.357,
159.442

■ 58, 67.930,

■ 97, 14.714,
167.265

336.241

97, 13.390,
176.799

54, 75.945,
337.148

97, 12.490,
188.022

52, 81.679,
338.163

98, 12.128,
198.696

50, 84.813,
339.331

49, 85.622,
340.688

Harmonies

Complementary

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



82, 11.437, 332.484



85, 11.391, 151.285

Rectangle

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



82, 11.437, 332.484



82, 11.437, 22.484



82, 11.437, 152.484



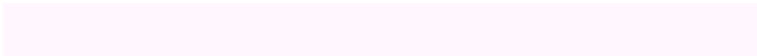
82, 11.437, 202.484

Sweetspot

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



82, 11.435, 332.485



98, 4.031, 331.996



81, 11.338, 299.915



52, 3.057, 332.067



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, 11.435, 332.485



92, 16.219, 332.658



82, 8.312, 359.167



43, 6.777, 332.475



39, 72.141, 340.499



6, 29.229, 337.923

Inverse Universe

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



82, 11.435, 332.485



92, 16.219, 332.658



86, 8.059, 177.494



43, 6.777, 332.475



39, 72.141, 340.499



6, 29.229, 337.923

Previews

White Background



This preview shows how the CIELCh color 82, 11.437, 332.484 looks on a white background.

Color Contrast Check

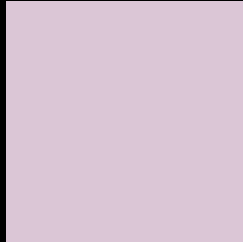
Large Text (above 18pt) WCAG AA × Fail

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, 11.437, 332.484 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

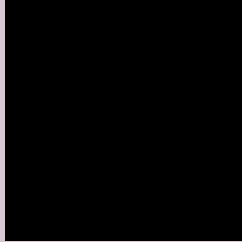
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 11.437, 332.484

Background



This preview shows how black text looks on a background with the CIELCh color 82, 11.437, 332.484.

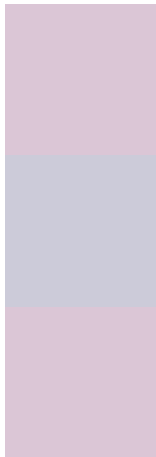


This preview shows how white text looks on a background with the CIELCh color 82, 11.437, 332.484.

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, 11.437, 332.484

Protanopia
82, 7.440, 293.564

Deuteranopia
82, 11.437, 332.484



Tritanopia
82, 11.437, 332.484

Trichromacy



Original Color
82, 11.437, 332.484

Protanomaly
82, 8.496, 310.507

Deuteranomaly
82, 11.437, 332.484

Tritanomaly
82, 11.437, 332.484

Monochromacy



Original Color
82, 11.437, 332.484

Achromatopsia
83, 0.010, 296.813

Achromatomaly
82, 4.333, 332.506

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 11.437, 332.484 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(219, 198, 214)` looks like.

```
.text, #text, p{  
    color:rgb(219, 198, 214)  
}
```

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(219, 198, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 198, 214) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 11.437, 332.484 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(219, 198, 214) }
```

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

```
.border{ border-color:rgb(219, 198, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 198, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 198, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 198, 214);  
box-shadow:4px 4px 4px 4px rgb(219, 198,  
214) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 11.437, 332.484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 198, 214) }
```

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

```
.background{ background-color: rgb(219,  
198, 214) }
```

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