

Converting Colors

CIELCh(82, 11.013, 300.206)

Have a look what the booklet for
CIELCh(82, 11.013, 300.206)
contains.

CIELCh(82, 11.314, 300.083)	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, 11.314, 300.083)

Conversions

Conversions Part 1

Format	Color
Hex	CEC9DE
RGB	206, 201, 222
RGB Percent	81%, 79%, 87%
CMY	0.1914, 0.2110, 0.1286
CMYK	0.07, 0.09, 0.00, 0.13
HSL	254°, 24%, 83%
HSV	254°, 9%, 87%
XYZ	59.6511, 60.2982, 77.7407
YIQ	204.8890, -3.7610, 7.5910

Conversions

Conversions Part 2

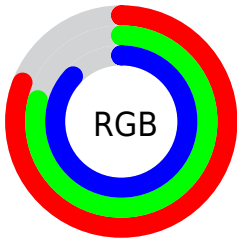
Format	Color
R _Y B	206, 201, 222
Decimal	13552094
CIE Lab	82.00, 5.67, -9.79
CIE LCh	82, 11.314, 300.083
Yxy	60.2982, 0.3017, 0.3050
Android (android.graphics.Color)	4291742174 (0xFFCEC9DE)
YUV	204.8890, 8.4357, 0.9743
Hunter-Lab	77.6519, 1.2303, -5.0015

Details

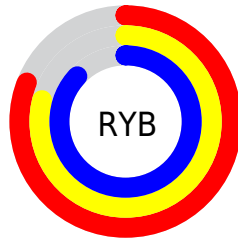
The CIELCh color $82, 11.314, 300.083$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $88, 11.087, 118.856$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $62, 11.424, 300.685$ is the 20% darker color. If you saturate the color by 10%, you get $75, 23.714, 300.844$, and if you desaturate by 10%, it is $89, 0.634, 119.462$.

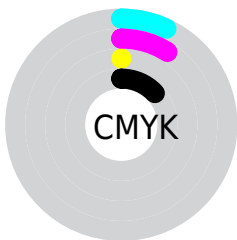
Distribution



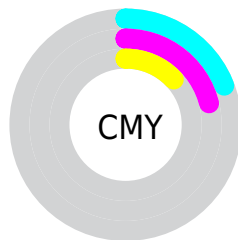
- Red (81%)
- Green (79%)
- Blue (87%)



- Red (81%)
- Yellow (79%)
- Blue (87%)



- Cyan (7%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)





- Cyan (19%)
- Magenta (21%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 11.314, 300.083 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, 11.314, 300.083 by changing the saturation by 10% instead.


 82, 11.314,
300.083


 82, 11.314,
300.083


 100, 11.314,
300.083


 72, 11.314,
300.083

 62, 11.314,
300.083

 52, 11.314,
300.083

 42, 11.314,
300.083

 32, 11.314,
300.083

 22, 11.314,
300.083

 12, 11.314,

300.083

■ 2, 11.314, 300.083

■ 0, 11.314, 300.083

■ 82, 11.314,
300.083

■ 82, 11.314,
300.083

■ 75, 23.714,
300.844

■ 89, 0.634, 119.462

■ 68, 36.578,
301.716

■ 96, 12.144,
118.847

■ 61, 49.880,
302.696

■ 99, 16.591,
108.923

■ 54, 63.528,
303.771

■ 48, 77.289,

304.899

■ 42, 90.672,
305.998

■ 37, 102.766,
306.920

■ 32, 112.211,
307.460

■ 30, 118.048,
307.515

Harmonies

Complementary

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



82, 11.314, 300.083



88, 11.087, 118.856

Rectangle

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



82, 11.314, 300.083



82, 11.314, 350.083



82, 11.314, 120.083



82, 11.314, 170.083

Sweetspot

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



82, 11.312, 300.079



98, 3.975, 299.636



86, 6.147, 223.923



52, 3.016, 299.691



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, 11.312, 300.079



91, 14.765, 300.197



83, 12.456, 317.163



43, 6.851, 300.079



22, 99.235, 307.638



3, 32.110, 301.579

Inverse Universe

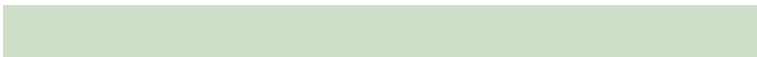
The Inverse Universe completely reimagines the original color for something new.



83, 11.405, 332.472



93, 14.859, 332.584



87, 12.366, 136.381



44, 6.907, 332.472



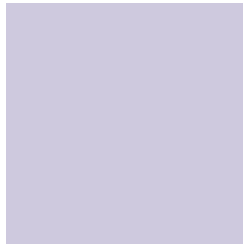
39, 72.919, 340.507



7, 30.589, 338.070

Previews

White Background



This preview shows how the CIELCh color 82, 11.314, 300.083 looks on a white background.

Color Contrast Check

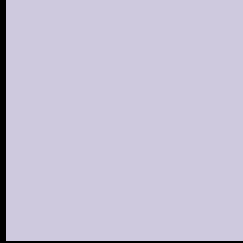
Large Text (above 18pt) WCAG AA × Fail

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, 11.314, 300.083 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

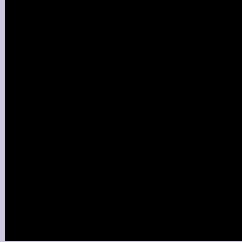
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

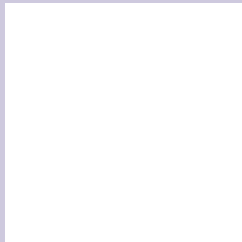
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 11.314, 300.083

Background



This preview shows how black text looks on a background with the CIELCh color 82, 11.314, 300.083.

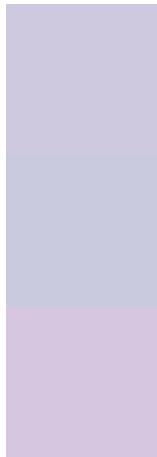


This preview shows how white text looks on a background with the CIELCh color 82, 11.314, 300.083.

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, 11.314, 300.083

Protanopia

82, 11.144, 291.156

Deuteranopia

82, 14.643, 315.554



Tritanopia
82, 8.574, 298.038

Trichromacy



Original Color
82, 11.314, 300.083

Protanomaly
82, 11.176, 294.742

Deuteranomaly
82, 13.605, 310.969

Tritanomaly
82, 9.627, 297.321

Monochromacy



Original Color
82, 11.314, 300.083

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 3.737, 296.034

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 11.314, 300.083 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(206, 201, 222)` looks like.

```
.text, #text, p{  
    color:rgb(206, 201, 222)  
}
```

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(206, 201, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 201, 222) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 11.314, 300.083 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(206, 201, 222) }
```

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

```
.border{ border-color:rgb(206, 201, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 201, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 201, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 201, 222);  
box-shadow:4px 4px 4px 4px rgb(206, 201,  
222) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 11.314, 300.083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 201, 222) }
```

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

```
.background{ background-color: rgb(206,  
201, 222) }
```

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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