

Converting Colors

CIELCh(82, 11.257, 293.497)

Have a look what the booklet for
CIELCh(82, 11.257, 293.497)
contains.

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Color

CIELCh(82, 11.155, 292.950)

Conversions

Conversions Part 1

Format	Color
Hex	CBCADF
RGB	203, 202, 223
RGB Percent	80%, 79%, 87%
CMY	0.2037, 0.2076, 0.1253
CMYK	0.09, 0.09, 0.00, 0.13
HSL	243°, 25%, 83%
HSV	243°, 9%, 87%
XYZ	59.1003, 60.2982, 78.3713
YIQ	204.6930, -6.1450, 6.7430

Conversions

Conversions Part 2

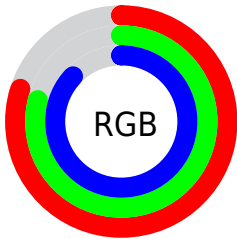
Format	Color
R_{YB}	203, 202, 223
Decimal	13355743
CIE _{Lab}	82.00, 4.35, -10.27
CIE _{LCh}	82, 11.155, 292.950
Yxy	60.2982, 0.2988, 0.3049
Android (android.graphics.Color)	4291545823 (0xFFCBCADF)
YUV	204.6930, 9.0254, -1.4848
Hunter-Lab	77.6519, -0.0357, -5.4829

Details

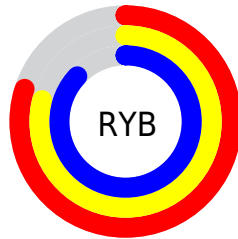
The CIELCh color **82, 11.155, 292.950** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **88, 10.910, 111.208**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **62, 11.250, 293.273** is the 20% darker color. If you saturate the color by 10%, you get **75, 23.467, 294.052**, and if you desaturate by 10%, it is **89, 0.670, 111.922**.

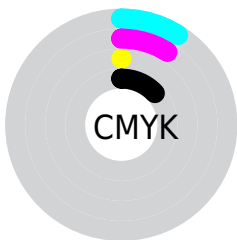
Distribution



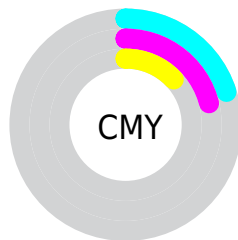
- Red (80%)
- Green (79%)
- Blue (87%)



- Red (80%)
- Yellow (79%)
- Blue (87%)



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





- Cyan (20%)
- Magenta (21%)
- Yellow (13%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 11.155, 292.950 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, 11.155, 292.950 by changing the saturation by 10% instead.


 82, 11.155,
292.950


 82, 11.155,
292.950


 100, 11.155,
292.950


 72, 11.155,
292.950


 62, 11.155,
292.950

 52, 11.155,
292.950

 42, 11.155,
292.950

 32, 11.155,
292.950

 22, 11.155,
292.950

 12, 11.155,

292.950

■ 2, 11.155, 292.950

■ 0, 11.155, 292.950

■ 82, 11.155,
292.950

■ 82, 11.155,
292.950

■ 75, 23.467,
294.052

■ 89, 0.670, 111.922

■ 67, 36.305,
295.352

■ 96, 12.038,
111.189

■ 60, 49.688,
296.864

■ 99, 16.161,
108.956

■ 53, 63.585,
298.590

■ 46, 77.829,

300.493

■ 40, 91.944,
302.462

■ 34, 104.865,
304.281

■ 30, 114.821,
305.637

■ 28, 120.452,
306.357

Harmonies

Complementary

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



82, 11.155, 292.950



88, 10.910, 111.208

Rectangle

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



82, 11.155, 292.950



82, 11.155, 342.950



82, 11.155, 112.950



82, 11.155, 162.950

Sweetspot

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



82, 11.153, 292.945



98, 3.919, 292.334



87, 7.105, 201.956



52, 2.974, 292.406



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, 11.153, 292.945



91, 14.574, 293.117



83, 11.860, 310.623



43, 6.761, 292.948



21, 101.058, 306.436



2, 31.703, 296.983

Inverse Universe

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



84, 13.024, 326.243



93, 16.980, 326.341



88, 11.710, 129.829



44, 7.895, 326.245



41, 84.303, 330.208



8, 34.803, 329.864

Previews

White Background



This preview shows how the CIELCh color 82, 11.155, 292.950 looks on a white background.

Color Contrast Check

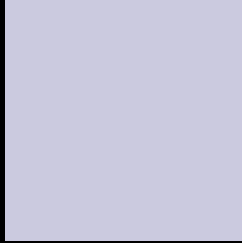
Large Text (above 18pt) WCAG AA × Fail

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, 11.155, 292.950 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

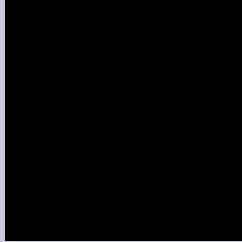
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 11.155, 292.950

Background



This preview shows how black text looks on a background with the CIELCh color 82, 11.155, 292.950.

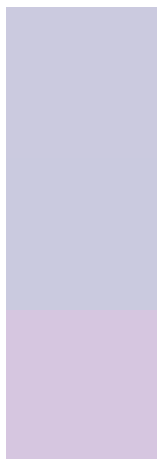


This preview shows how white text looks on a background with the CIELCh color 82, 11.155, 292.950.

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

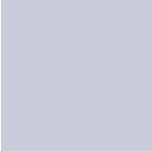
82, 11.155, 292.950

Protanopia

82, 11.144, 291.156

Deuteranopia

82, 14.987, 313.472



Tritanopia
82, 8.488, 288.549

Trichromacy



Original Color
82, 11.155, 292.950

Protanomaly
82, 11.144, 291.156

Deuteranomaly
82, 13.887, 307.479

Tritanomaly
82, 9.017, 288.739

Monochromacy



Original Color
82, 11.155, 292.950

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 4.244, 290.564

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 11.155, 292.950 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(203, 202, 223)` looks like.

```
.text, #text, p{  
    color:rgb(203, 202, 223)  
}
```

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(203, 202, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 202, 223) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 11.155, 292.950 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(203, 202, 223) }
```

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

```
.border{ border-color:rgb(203, 202, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 202, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 202, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 202, 223);  
box-shadow:4px 4px 4px 4px rgb(203, 202,  
223) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 11.155, 292.950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 202, 223) }
```

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

```
.background{ background-color: rgb(203,  
202, 223) }
```

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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