

Converting Colors

CIELCh(82, 9.825, 291.675)

Have a look what the booklet for
CIELCh(82, 9.825, 291.675) contains.

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Color

CIELCh(82, 10.096, 293.056)

Conversions

Conversions Part 1

Format	Color
Hex	CBCADD
RGB	203, 202, 221
RGB Percent	80%, 79%, 87%
CMY	0.2031, 0.2070, 0.1325
CMYK	0.08, 0.09, 0.00, 0.13
HSL	243°, 22%, 83%
HSV	243°, 9%, 87%
XYZ	58.9361, 60.2982, 77.0896
YIQ	204.4650, -5.5030, 6.1210

Conversions

Conversions Part 2

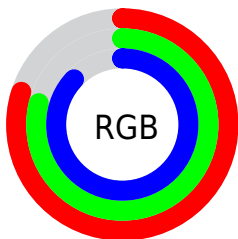
Format	Color
R _Y B	203, 202, 221
Decimal	13355741
CIE Lab	82.00, 3.95, -9.29
CIE LCh	82, 10.096, 293.056
Yxy	60.2982, 0.3002, 0.3071
Android (android.graphics.Color)	4291545821 (0xFFCBCADD)
YUV	204.4650, 8.1518, -1.2848
Hunter-Lab	77.6519, -0.4133, -4.5043

Details

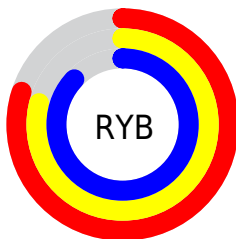
The CIELCh color `82, 10.096, 293.056` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `88, 9.891, 111.485`, and the grayscale version is `82, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `62, 10.129, 293.371` is the 20% darker color. If you saturate the color by 10%, you get `75, 22.285, 294.132`, and if you desaturate by 10%, it is `89, 1.613, 112.093`.

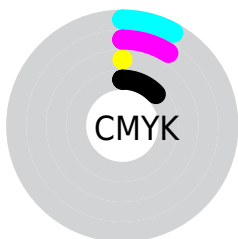
Distribution



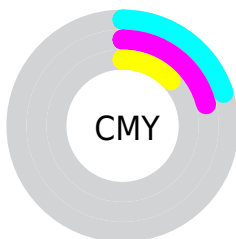
- Red (80%)
- Green (79%)
- Blue (87%)



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



- Cyan (8%)
- Magenta (9%)
- Yellow (0%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 10.096, 293.056 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, 10.096, 293.056 by changing the saturation by 10% instead.

■ 82, 10.096,
293.056

■ 82, 10.096,
293.056

■ 100, 10.096,
293.056

■ 72, 10.096,
293.056

■ 62, 10.096,
293.056

■ 52, 10.096,
293.056

■ 42, 10.096,
293.056

■ 32, 10.096,
293.056

■ 22, 10.096,
293.056

■ 12, 10.096,

293.056

■ 2, 10.096, 293.056

■ 0, 10.096, 293.056

■ 82, 10.096,
293.056

■ 82, 10.096,
293.056

■ 75, 22.285,
294.132

■ 89, 1.613, 112.093

■ 67, 34.994,
295.402

■ 96, 12.871,
111.334

■ 60, 48.241,
296.878

■ 99, 17.086,
108.886

■ 53, 62.001,
298.566

■ 46, 76.124,

300.433

■ 40, 90.173,
302.376

■ 34, 103.157,
304.192

■ 30, 113.377,
305.577

■ 28, 119.289,
306.315

Harmonies

Complementary

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



82, 10.096, 293.056



88, 9.891, 111.485

Rectangle

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



82, 10.096, 293.056



82, 10.096, 343.056



82, 10.096, 113.056



82, 10.096, 163.056

Sweetspot

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



82, 10.094, 293.050



98, 3.920, 292.527



87, 6.350, 203.560



52, 2.975, 292.599



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, 10.094, 293.050



92, 13.226, 293.200



83, 10.776, 311.151



42, 6.635, 293.134



20, 99.942, 306.454



2, 29.665, 296.208

Inverse Universe

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



83, 11.758, 326.337



94, 15.375, 326.425



87, 10.653, 130.442



43, 7.720, 326.386



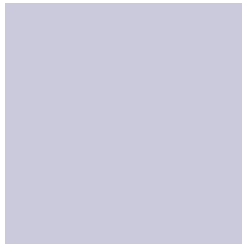
41, 83.074, 330.426



7, 33.318, 329.960

Previews

White Background



This preview shows how the CIELCh color 82, 10.096, 293.056 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, 10.096, 293.056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

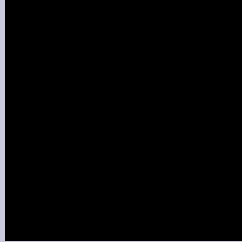
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

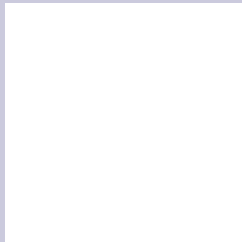
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 10.096, 293.056

Background



This preview shows how black text looks on a background with the CIELCh color 82, 10.096, 293.056.

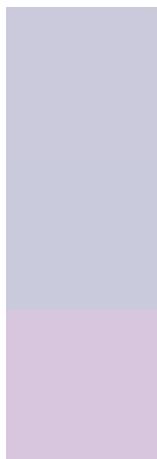


This preview shows how white text looks on a background with the CIELCh color 82, 10.096, 293.056.

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

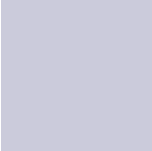
82, 10.096, 293.056

Protanopia

82, 10.084, 291.065

Deuteranopia

82, 14.165, 316.438



Tritanopia
82, 8.486, 290.926

Trichromacy



Original Color
82, 10.096, 293.056

Protanomaly
82, 10.084, 291.065

Deuteranomaly
82, 12.360, 309.504

Tritanomaly
82, 9.016, 290.971

Monochromacy



Original Color
82, 10.096, 293.056

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 3.714, 290.520

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 10.096, 293.056 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(203, 202, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 202, 221) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 10.096, 293.056 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, 221) }
```

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

```
.border{ border-color:rgb(203, 202, 221) }
```

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, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 202, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 202, 221);  
box-shadow:4px 4px 4px 4px rgb(203, 202,  
221) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 10.096, 293.056 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, 221) }
```

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

```
.background{ background-color: rgb(203,  
202, 221) }
```

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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