

Converting Colors

CIELCh(82, 10.260, 317.493)

Have a look what the booklet for
CIELCh(82, 10.260, 317.493)
contains.

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Color

CIELCh(82, 10.199, 318.061)

Conversions

Conversions Part 1

Format	Color
Hex	D5C8D9
RGB	213, 200, 217
RGB Percent	84%, 78%, 85%
CMY	0.1657, 0.2166, 0.1500
CMYK	0.02, 0.08, 0.00, 0.15
HSL	286°, 18%, 82%
HSV	286°, 8%, 85%
XYZ	60.4554, 60.2982, 73.9252
YIQ	205.8250, 2.2910, 8.0430

Conversions

Conversions Part 2

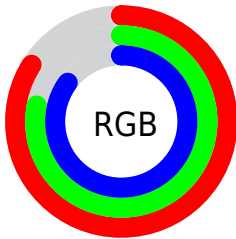
Format	Color
R _Y B	213, 200, 217
Decimal	14010585
CIE Lab	82.00, 7.59, -6.82
CIE LCh	82, 10.199, 318.061
Yxy	60.2982, 0.3105, 0.3097
Android (android.graphics.Color)	4292200665 (0xFFD5C8D9)
YUV	205.8250, 5.5093, 6.2925
Hunter-Lab	77.6519, 3.0792, -2.0882

Details

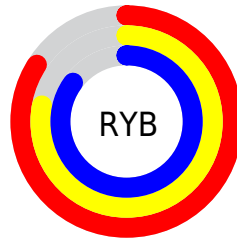
The CIELCh color `82, 10.199, 318.061` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `85, 10.137, 137.417`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `62, 10.113, 317.691` is the 20% darker color. If you saturate the color by 10%, you get `76, 23.406, 318.510`, and if you desaturate by 10%, it is `88, 2.766, 137.731`.

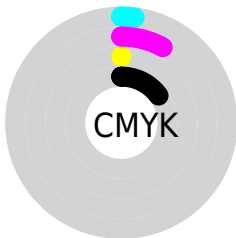
Distribution



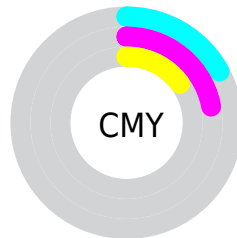
- Red (84%)
- Green (78%)
- Blue (85%)



- Red (84%)
- Yellow (78%)
- Blue (85%)



- Cyan (2%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)





- Cyan (17%)
- Magenta (22%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 10.199, 318.061 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, 10.199, 318.061 by changing the saturation by 10% instead.


 82, 10.199,
318.061


 82, 10.199,
318.061


 100, 10.199,
318.061


 72, 10.199,
318.061


 62, 10.199,
318.061

 52, 10.199,
318.061

 42, 10.199,
318.061

 32, 10.199,
318.061

 22, 10.199,
318.061

 12, 10.199,

318.061

■ 2, 10.199, 318.061

■ 0, 10.199, 318.061

■ 82, 10.199,
318.061

■ 82, 10.199,
318.061

■ 76, 23.406,
318.510

■ 88, 2.766, 137.731

■ 71, 36.743,
318.954

■ 94, 15.414,
137.265

■ 65, 50.013,
319.378

■ 97, 21.814,
135.211

■ 60, 62.915,
319.757

■ 98, 21.025,
130.863

■ 55, 75.024,

■ 98, 20.366,
126.151

320.057

98, 19.857,
121.108

51, 85.778,
320.232

99, 19.513,
115.792

48, 94.539,
320.230

99, 19.349,
110.291

45, 100.732,
320.000

99, 19.337,
108.714

43, 104.189,
319.517

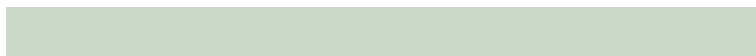
Harmonies

Complementary

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



82, 10.199, 318.061



85, 10.137, 137.417

Rectangle

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



82, 10.199, 318.061



82, 10.199, 8.061



82, 10.199, 138.061



82, 10.199, 188.061

Sweetspot

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



82, 10.197, 318.060



99, 2.957, 317.750



82, 6.894, 278.221



53, 1.681, 317.741



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, 10.197, 318.060



94, 13.371, 318.117



82, 9.182, 332.810



42, 7.322, 318.132



33, 87.693, 319.530



5, 31.215, 319.325

Inverse Universe

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



82, 6.622, 1.253



94, 8.699, 1.389



85, 9.146, 151.853



42, 4.766, 1.425



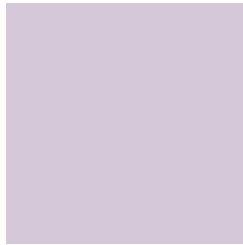
36, 67.131, 26.326



5, 22.115, 9.312

Previews

White Background



This preview shows how the CIELCh color 82, 10.199, 318.061 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, 10.199, 318.061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

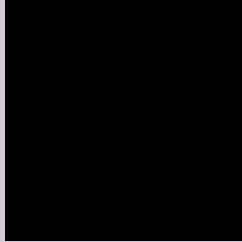
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 10.199, 318.061

Background



This preview shows how black text looks on a background with the CIELCh color 82, 10.199, 318.061.



This preview shows how white text looks on a background with the CIELCh color 82, 10.199, 318.061.

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, 10.199, 318.061

Protanopia

82, 8.486, 290.926

Deuteranopia

82, 12.436, 326.299



Tritanopia
82, 9.734, 319.490

Trichromacy



Original Color
82, 10.199, 318.061

Protanomaly
82, 8.699, 302.685

Deuteranomaly
82, 11.386, 323.349

Tritanomaly
82, 9.734, 319.490

Monochromacy



Original Color
82, 10.199, 318.061

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 3.513, 314.736

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 10.199, 318.061 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(213, 200, 217)` looks like.

```
.text, #text, p{  
    color:rgb(213, 200, 217)  
}
```

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(213, 200, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 200, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 10.199, 318.061 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(213, 200, 217) }
```

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

```
.border{ border-color:rgb(213, 200, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 200, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 200, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 200, 217);  
box-shadow:4px 4px 4px 4px rgb(213, 200,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 10.199, 318.061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 200, 217) }
```

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

```
.background{ background-color: rgb(213,  
200, 217) }
```

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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