

Converting Colors

CIELCh(82, 10.933, 323.041)

Have a look what the booklet for
CIELCh(82, 10.933, 323.041)
contains.

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Color

CIELCh(82, 10.749, 323.235)

Conversions

Conversions Part 1

Format	Color
Hex	D7C7D8
RGB	215, 199, 216
RGB Percent	84%, 78%, 85%
CMY	0.1566, 0.2193, 0.1527
CMYK	0.00, 0.08, 0.00, 0.15
HSL	296°, 18%, 81%
HSV	296°, 8%, 85%
XYZ	60.8885, 60.2982, 73.4434
YIQ	205.7220, 4.0790, 8.6790

Conversions

Conversions Part 2

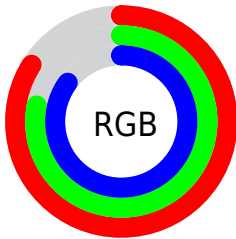
Format	Color
R _Y B	215, 199, 216
Decimal	14141400
CIE Lab	82.00, 8.61, -6.43
CIE LCh	82, 10.749, 323.235
Yxy	60.2982, 0.3128, 0.3098
Android (android.graphics.Color)	4292331480 (0xFFD7C7D8)
YUV	205.7220, 5.0671, 8.1368
Hunter-Lab	77.6519, 4.0747, -1.7203

Details

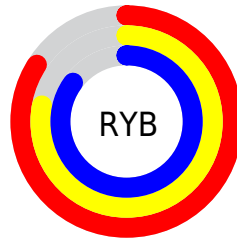
The CIELCh color `82, 10.749, 323.235` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `85, 10.718, 142.460`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `62, 10.686, 323.231` is the 20% darker color. If you saturate the color by 10%, you get `77, 24.540, 323.759`, and if you desaturate by 10%, it is `88, 2.876, 142.843`.

Distribution



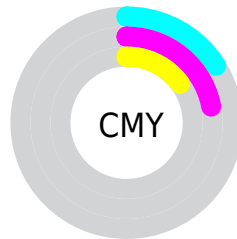
- Red (84%)
- Green (78%)
- Blue (85%)



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



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





- Cyan (16%)
- Magenta (22%)
- Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 10.749, 323.235 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, 10.749, 323.235 by changing the saturation by 10% instead.


 82, 10.749,
323.235


 82, 10.749,
323.235


 100, 10.749,
323.235


 72, 10.749,
323.235


 62, 10.749,
323.235

 52, 10.749,
323.235

 42, 10.749,
323.235

 32, 10.749,
323.235

 22, 10.749,
323.235

 12, 10.749,

323.235

■ 2, 10.749, 323.235

■ 0, 10.749, 323.235

■ 82, 10.749,
323.235

■ 82, 10.749,
323.235

■ 77, 24.540,
323.759

■ 88, 2.876, 142.843

■ 71, 38.322,
324.265

■ 93, 16.212,
142.276

■ 66, 51.820,
324.745

■ 97, 23.792,
141.635

■ 62, 64.655,
325.180

■ 97, 23.543,
140.759

■ 58, 76.343,

■ 97, 23.299,
139.860

325.548

97, 23.060,
138.940

55, 86.332,
325.825

97, 22.828,
137.997

52, 94.090,
325.989

97, 22.601,
137.032

50, 99.259,
326.024

97, 22.381,
136.044

49, 101.899,
325.933

Harmonies

Complementary

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



82, 10.749, 323.235



85, 10.718, 142.460

Rectangle

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



82, 10.749, 323.235



82, 10.749, 13.235



82, 10.749, 143.235



82, 10.749, 193.235

Sweetspot

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



82, 10.747, 323.235



99, 3.117, 322.867



81, 8.439, 288.214



53, 1.772, 322.858



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, 10.747, 323.235



94, 14.075, 323.300



82, 8.066, 340.788



42, 7.706, 323.318



39, 85.882, 325.943



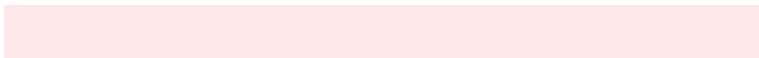
6, 32.590, 325.963

Inverse Universe

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



82, 6.326, 15.028



94, 8.314, 15.141



85, 7.998, 159.660



42, 4.557, 15.171



35, 74.931, 37.484



5, 21.966, 17.144

Previews

White Background



This preview shows how the CIELCh color 82, 10.749, 323.235 looks on a white background.

Color Contrast Check

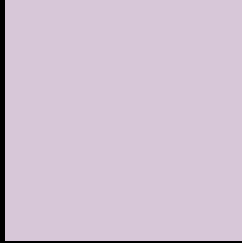
Large Text (above 18pt) WCAG AA × Fail

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, 10.749, 323.235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

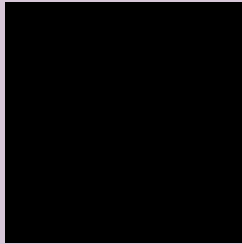
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 10.749, 323.235

Background



This preview shows how black text looks on a background with the CIELCh color 82, 10.749, 323.235.



This preview shows how white text looks on a background with the CIELCh color 82, 10.749, 323.235.

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](#).

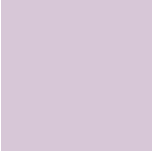
Dichromacy



Original Color
82, 10.749, 323.235

Protanopia
82, 7.956, 290.880

Deuteranopia
82, 12.014, 327.777



Tritanopia
82, 10.309, 324.823

Trichromacy



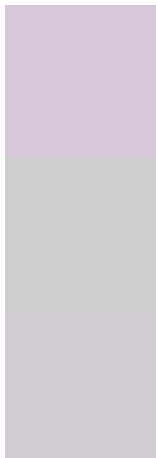
Original Color
82, 10.749, 323.235

Protanomaly
82, 8.181, 303.422

Deuteranomaly
82, 11.800, 326.350

Tritanomaly
82, 10.309, 324.823

Monochromacy



Original Color
82, 10.749, 323.235

Achromatopsia
83, 0.010, 296.813

Achromatomaly
82, 4.325, 320.592

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 10.749, 323.235 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(215, 199, 216)` looks like.

```
.text, #text, p{  
    color:rgb(215, 199, 216)  
}
```

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(215, 199, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 199, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 10.749, 323.235 is called "border". The border property can be set on classes, ids or directly on the HTML element.

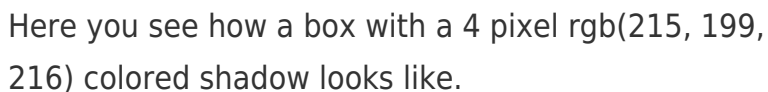
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(215, 199, 216) }
```

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

```
.border{ border-color:rgb(215, 199, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(215, 199, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 199, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 199, 216); box-shadow:4px 4px 4px 4px rgb(215, 199, 216) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 10.749, 323.235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 199, 216) }
```

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

```
.background{ background-color: rgb(215,  
199, 216) }
```

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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