

Converting Colors

CIELCh(82, 15.358, 329.724)

Have a look what the booklet for
CIELCh(82, 15.358, 329.724)
contains.

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Color

CIELCh(82, 15.642, 329.488)

Conversions

Conversions Part 1

Format	Color
Hex	DFC4DB
RGB	223, 196, 219
RGB Percent	87%, 77%, 86%
CMY	0.1254, 0.2313, 0.1411
CMYK	0.00, 0.12, 0.02, 0.13
HSL	309°, 30%, 82%
HSV	309°, 12%, 87%
XYZ	62.9736, 60.2982, 75.3541
YIQ	206.6950, 8.7090, 12.8770

Conversions

Conversions Part 2

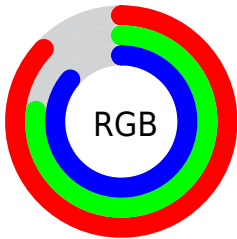
Format	Color
R_{YB}	223, 196, 219
Decimal	14664923
CIE _{Lab}	82.00, 13.48, -7.94
CIE _{LCh}	82, 15.642, 329.488
Yxy	60.2982, 0.3170, 0.3036
Android (android.graphics.Color)	4292855003 (0xFFDFC4DB)
YUV	206.6950, 6.0664, 14.2995
Hunter-Lab	77.6519, 8.8678, -3.1792

Details

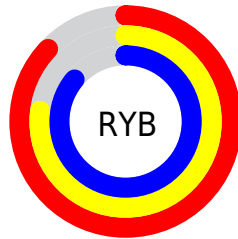
The CIELCh color `82, 15.642, 329.488` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `86, 15.602, 148.024`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 1.250, 324.238`, and `62, 15.840, 329.870` is the 20% darker color. If you saturate the color by 10%, you get `77, 28.659, 330.115`, and if you desaturate by 10%, it is `88, 2.706, 328.791`.

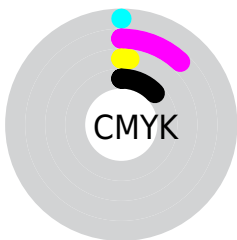
Distribution



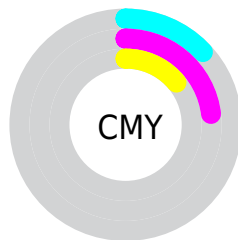
- Red (87%)
- Green (77%)
- Blue (86%)



- Red (87%)
- Yellow (77%)
- Blue (86%)



- Cyan (0%)
- Magenta (12%)
- Yellow (2%)
- Black (13%)





- Cyan (13%)
- Magenta (23%)
- Yellow (14%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 82, 15.642, 329.488 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, 15.642, 329.488 by changing the saturation by 10% instead.


 82, 15.642,
329.488


 82, 15.642,
329.488


 100, 15.642,
329.488

 72, 15.642,
329.488


 62, 15.642,
329.488

 52, 15.642,
329.488

 42, 15.642,
329.488

 32, 15.642,
329.488

 22, 15.642,
329.488

 12, 15.642,

329.488

■ 2, 15.642, 329.488

■ 0, 15.642, 329.488

■ 82, 15.642,
329.488

■ 82, 15.642,
329.488

■ 77, 28.659,
330.115

■ 88, 2.706, 328.791

■ 71, 41.539,
330.746

■ 93, 10.000,
148.361

■ 67, 53.956,
331.383

■ 97, 17.551,
149.193

■ 62, 65.471,
332.020

■ 97, 16.269,
152.941

■ 58, 75.553,

■ 97, 15.062,
157.291

332.659

97, 13.950,
162.347

55, 83.631,
333.304

97, 12.957,
168.209

53, 89.232,
333.967

98, 12.113,
174.948

52, 92.138,
334.670

98, 11.452,
182.563

51, 92.885,
335.263

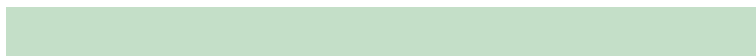
Harmonies

Complementary

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



82, 15.642, 329.488



86, 15.602, 148.024

Rectangle

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



82, 15.642, 329.488



82, 15.642, 19.488



82, 15.642, 149.488



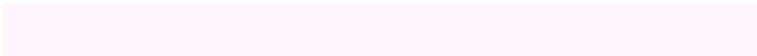
82, 15.642, 199.488

Sweetspot

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



82, 15.640, 329.489



97, 5.733, 328.961



80, 14.473, 296.412



52, 4.076, 329.016



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, 15.640, 329.489



91, 21.637, 329.677



82, 11.263, 352.611



44, 7.361, 329.322



40, 77.949, 335.135



7, 32.503, 333.841

Inverse Universe

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



82, 15.640, 329.489



91, 21.637, 329.677



87, 10.960, 170.441



44, 7.361, 329.322



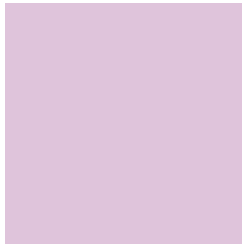
40, 77.949, 335.135



7, 32.503, 333.841

Previews

White Background



This preview shows how the CIELCh color 82, 15.642, 329.488 looks on a white background.

Color Contrast Check

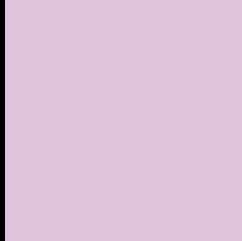
Large Text (above 18pt) WCAG AA × Fail

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, 15.642, 329.488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

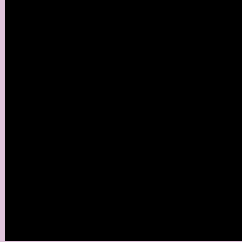
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 15.642, 329.488

Background



This preview shows how black text looks on a background with the CIELCh color 82, 15.642, 329.488.



This preview shows how white text looks on a background with the CIELCh color 82, 15.642, 329.488.

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





Tritanopia
82, 12.467, 337.611

Trichromacy



Original Color
82, 15.642, 329.488

Protanomaly
82, 12.251, 307.924

Deuteranomaly
82, 14.148, 324.973

Tritanomaly
82, 13.196, 334.222

Monochromacy



Original Color
82, 15.642, 329.488

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 5.607, 330.760

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 15.642, 329.488 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(223, 196, 219)` looks like.

```
.text, #text, p{  
    color:rgb(223, 196, 219)  
}
```

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(223, 196, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 196, 219) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 15.642, 329.488 is called "border". The border property can be set on classes, ids or directly on the HTML element.

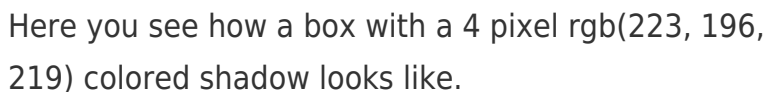
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(223, 196, 219) }
```

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

```
.border{ border-color:rgb(223, 196, 219) }
```

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



Here you see how a box with a 4 pixel `rgb(223, 196, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 196, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 196, 219);  
box-shadow:4px 4px 4px 4px rgb(223, 196,  
219) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 15.642, 329.488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 196, 219) }
```

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

```
.background{ background-color: rgb(223,  
196, 219) }
```

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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