

Converting Colors

CIELCh(81, 10.914, 333.118)

Have a look what the booklet for
CIELCh(81, 10.914, 333.118)
contains.

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Color

CIELCh(81, 11.467, 332.492)

Conversions

Conversions Part 1

Format	Color
Hex	D8C3D3
RGB	216, 195, 211
RGB Percent	85%, 76%, 83%
CMY	0.1521, 0.2344, 0.1717
CMYK	0.00, 0.10, 0.02, 0.15
HSL	314°, 21%, 81%
HSV	314°, 10%, 85%
XYZ	59.7302, 58.4711, 69.9072
YIQ	203.1030, 7.3800, 9.4280

Conversions

Conversions Part 2

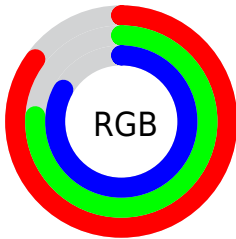
Format	Color
R _Y B	216, 195, 211
Decimal	14205907
CIE Lab	81.00, 10.17, -5.30
CIE LCh	81, 11.467, 332.492
Yxy	58.4711, 0.3175, 0.3108
Android (android.graphics.Color)	4292395987 (0xFFD8C3D3)
YUV	203.1030, 3.8932, 11.3107
Hunter-Lab	76.4664, 5.6154, -0.6777

Details

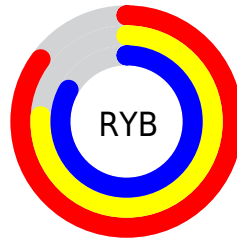
The CIELCh color **81, 11.467, 332.492** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85, 11.421, 151.276**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 1.871, 324.342**, and **61, 11.870, 331.266** is the 20% darker color. If you saturate the color by 10%, you get **76, 23.392, 333.181**, and if you desaturate by 10%, it is **87, 0.328, 152.916**.

Distribution



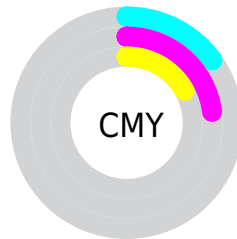
- Red (85%)
- Green (76%)
- Blue (83%)



- Red (85%)
- Yellow (76%)
- Blue (83%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)
- Black (15%)





- Cyan (15%)
- Magenta (23%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 11.467, 332.492 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 81, 11.467, 332.492 by changing the saturation by 10% instead.


 81, 11.467,
332.492


 81, 11.467,
332.492


 100, 11.467,
332.492


 71, 11.467,
332.492


 61, 11.467,
332.492

 51, 11.467,
332.492

 41, 11.467,
332.492

 31, 11.467,
332.492

 21, 11.467,
332.492

 11, 11.467,

332.492

■ 1, 11.467, 332.492

■ 0, 11.467, 332.492

■ 81, 11.467,
332.492

■ 81, 11.467,
332.492

■ 76, 23.392,
333.181

■ 87, 0.328, 152.916

■ 70, 35.272,
333.891

■ 92, 11.874,
151.301

■ 65, 46.831,
334.633

■ 97, 20.033,
151.997

■ 61, 57.688,
335.415

■ 97, 18.136,
157.532

■ 57, 67.352,

■ 97, 16.428,
164.248

336.248

97, 14.977,
172.354

54, 75.269,
337.155

97, 13.865,
181.941

51, 80.927,
338.169

97, 13.181,
192.829

50, 84.013,
339.338

97, 13.022,
198.636

49, 84.820,
340.693

Harmonies

Complementary

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



81, 11.467, 332.492



85, 11.421, 151.276

Rectangle

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



81, 11.467, 332.492



81, 11.467, 22.492



81, 11.467, 152.492



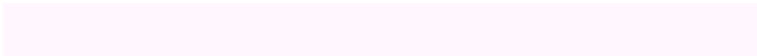
81, 11.467, 202.492

Sweetspot

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



81, 11.465, 332.493



98, 4.031, 331.996



80, 11.369, 299.924



52, 3.057, 332.067



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



81, 11.465, 332.493



92, 16.219, 332.658



81, 8.336, 359.180



42, 6.647, 332.473



38, 71.368, 340.481



6, 27.661, 337.749

Inverse Universe

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



81, 11.465, 332.493



92, 16.219, 332.658



85, 8.079, 177.482



42, 6.647, 332.473



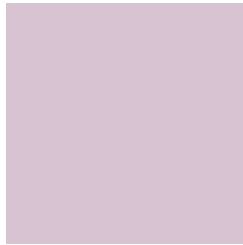
38, 71.368, 340.481



6, 27.661, 337.749

Previews

White Background



This preview shows how the CIELCh color 81, 11.467, 332.492 looks on a white background.

Color Contrast Check

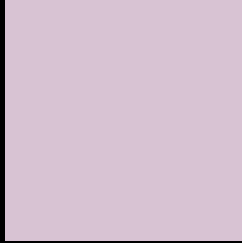
Large Text (above 18pt) WCAG AA × Fail

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 81, 11.467, 332.492 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 81, 11.467, 332.492

Background



This preview shows how black text looks on a background with the CIELCh color 81, 11.467, 332.492.

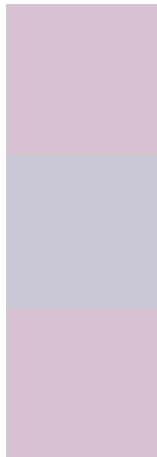


This preview shows how white text looks on a background with the CIELCh color 81, 11.467, 332.492.

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

81, 11.467, 332.492

Protanopia

81, 7.461, 293.572

Deuteranopia

81, 11.467, 332.492



Tritanopia
81, 11.467, 332.492

Trichromacy



Original Color
81, 11.467, 332.492

Protanomaly
81, 8.649, 312.758

Deuteranomaly
81, 11.467, 332.492

Tritanomaly
81, 11.467, 332.492

Monochromacy



Original Color
81, 11.467, 332.492

Achromatopsia
82, 0.010, 296.813

Achromatomaly
81, 4.345, 332.510

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 11.467, 332.492 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(216, 195, 211)` looks like.

```
.text, #text, p{  
    color:rgb(216, 195, 211)  
}
```

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(216, 195, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 195, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 11.467, 332.492 is called "border". The border property can be set on classes, ids or directly on the HTML element.

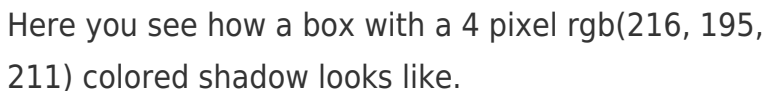
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(216, 195, 211) }
```

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

```
.border{ border-color:rgb(216, 195, 211) }
```

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



Here you see how a box with a 4 pixel `rgb(216, 195, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 195, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 195, 211); box-shadow:4px 4px 4px 4px rgb(216, 195, 211) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 11.467, 332.492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 195, 211) }
```

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

```
.background{ background-color: rgb(216,  
195, 211) }
```

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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