

Converting Colors

CIELCh(81, 11.938, 343.717)

Have a look what the booklet for
CIELCh(81, 11.938, 343.717)
contains.

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Color

CIELCh(81, 12.109, 342.565)

Conversions

Conversions Part 1

Format	Color
Hex	DCC2D0
RGB	220, 194, 208
RGB Percent	86%, 76%, 82%
CMY	0.1365, 0.2385, 0.1836
CMYK	0.00, 0.12, 0.05, 0.14
HSL	328°, 27%, 81%
HSV	328°, 12%, 86%
XYZ	60.3103, 58.4711, 67.8991
YIQ	203.3700, 11.0020, 9.8660

Conversions

Conversions Part 2

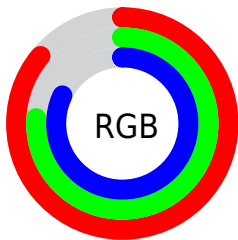
Format	Color
RYB	220, 194, 208
Decimal	14467792
CIELab	81.00, 11.55, -3.63
CIELCh	81, 12.109, 342.565
Yxy	58.4711, 0.3231, 0.3132
Android (android.graphics.Color)	4292657872 (0xFFDCC2D0)
YUV	203.3700, 2.2826, 14.5845
Hunter-Lab	76.4664, 6.9697, 0.8793

Details

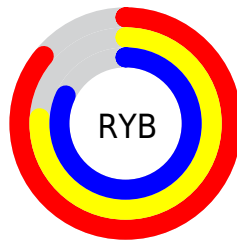
The CIELCh color **81, 12.109, 342.565** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86, 11.952, 160.705**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 2.492, 324.405**, and **61, 12.502, 341.728** is the 20% darker color. If you saturate the color by 10%, you get **75, 22.554, 343.489**, and if you desaturate by 10%, it is **87, 1.837, 341.553**.

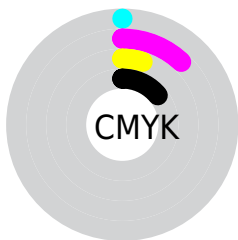
Distribution



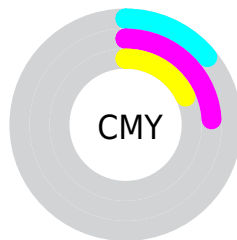
- Red (86%)
- Green (76%)
- Blue (82%)



- Red (86%)
- Yellow (76%)
- Blue (82%)



- Cyan (0%)
- Magenta (12%)
- Yellow (5%)
- Black (14%)





- Cyan (14%)
- Magenta (24%)
- Yellow (18%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 12.109, 342.565 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, 12.109, 342.565 by changing the saturation by 10% instead.


 81, 12.109,
342.565


 81, 12.109,
342.565


 100, 12.109,
342.565


 71, 12.109,
342.565


 61, 12.109,
342.565

 51, 12.109,
342.565

 41, 12.109,
342.565

 31, 12.109,
342.565

 21, 12.109,
342.565

 11, 12.109,

342.565

■ 1, 12.109, 342.565

■ 0, 12.109, 342.565

■ 81, 12.109,
342.565

■ 81, 12.109,
342.565

■ 75, 22.554,
343.489

■ 87, 1.837, 341.553

■ 70, 33.019,
344.504

■ 93, 8.161, 161.083

■ 65, 43.248,
345.653

■ 97, 14.792,
164.190

■ 60, 52.873,
346.982

■ 97, 12.345,
183.865

■ 56, 61.415,

■ 98, 11.743,
198.722

348.560

■ 53, 68.335,
350.487

■ 50, 73.156,
352.892

■ 49, 75.662,
355.928

■ 48, 76.384,
358.893

Harmonies

Complementary

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



81, 12.109, 342.565



86, 11.952, 160.705

Rectangle

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



81, 12.109, 342.565



81, 12.109, 32.565



81, 12.109, 162.565



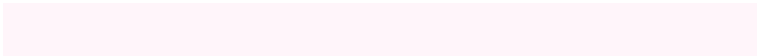
81, 12.109, 212.565

Sweetspot

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



81, 12.107, 342.568



97, 4.582, 341.856



80, 14.529, 307.862



52, 3.258, 341.933



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, 12.107, 342.568



91, 16.207, 342.775



81, 9.774, 16.102



43, 5.787, 342.357



37, 64.041, 358.207



6, 25.496, 351.768

Inverse Universe

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



81, 12.107, 342.568



91, 16.207, 342.775



86, 9.129, 194.524



43, 5.787, 342.357



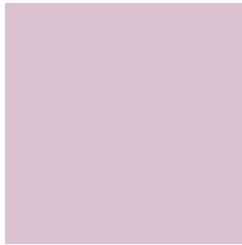
37, 64.041, 358.207



6, 25.496, 351.768

Previews

White Background



This preview shows how the CIELCh color 81, 12.109, 342.565 looks on a white background.

Color Contrast Check

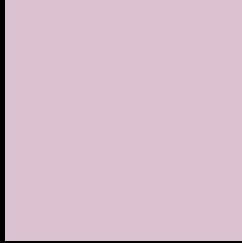
Large Text (above 18pt) WCAG AA × Fail

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 81, 12.109, 342.565 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, 12.109, 342.565

Background



This preview shows how black text looks on a background with the CIELCh color 81, 12.109, 342.565.

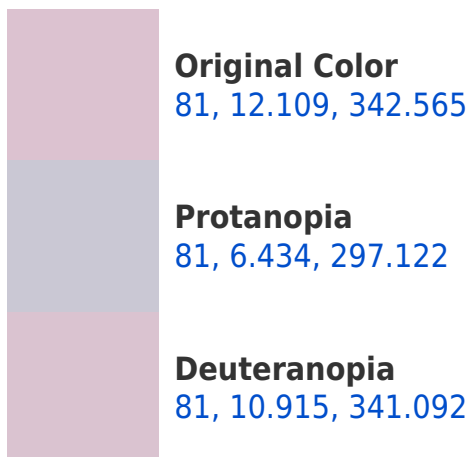


This preview shows how white text looks on a background with the CIELCh color 81, 12.109, 342.565.

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
81, 12.433, 340.621

Trichromacy



Original Color
81, 12.109, 342.565

Protanomaly
81, 8.013, 320.426

Deuteranomaly
81, 11.202, 342.322

Tritanomaly
81, 12.433, 340.621

Monochromacy



Original Color
81, 12.109, 342.565

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 4.870, 338.907

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 12.109, 342.565 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(220, 194, 208)` looks like.

```
.text, #text, p{  
    color:rgb(220, 194, 208)  
}
```

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(220, 194, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 194, 208) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 12.109, 342.565 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(220, 194, 208) }
```

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

```
.border{ border-color:rgb(220, 194, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 194, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 194, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 194, 208);  
box-shadow:4px 4px 4px 4px rgb(220, 194,  
208) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 12.109, 342.565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 194, 208) }
```

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

```
.background{ background-color: rgb(220,  
194, 208) }
```

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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