

Converting Colors

CIELCh(82, 12.276, 325.104)

Have a look what the booklet for
CIELCh(82, 12.276, 325.104)
contains.

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Color

CIELCh(82, 12.231, 324.899)

Conversions

Conversions Part 1

Format	Color
Hex	D9C6D9
RGB	217, 198, 217
RGB Percent	85%, 78%, 85%
CMY	0.1481, 0.2226, 0.1481
CMYK	0.00, 0.09, 0.00, 0.15
HSL	300°, 20%, 81%
HSV	300°, 9%, 85%
XYZ	61.4819, 60.2982, 74.1989
YIQ	205.8470, 5.2250, 9.9370

Conversions

Conversions Part 2

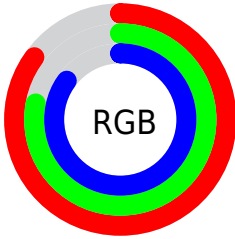
Format	Color
R _Y B	217, 198, 217
Decimal	14272217
CIE Lab	82.00, 10.01, -7.03
CIE LCh	82, 12.231, 324.899
Yxy	60.2982, 0.3137, 0.3077
Android (android.graphics.Color)	4292462297 (0xFFD9C6D9)
YUV	205.8470, 5.4984, 9.7812
Hunter-Lab	77.6519, 5.4388, -2.2972

Details

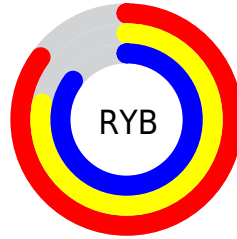
The CIELCh color `82, 12.231, 324.899` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `85, 12.209, 143.952`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `62, 12.249, 325.020` is the 20% darker color. If you saturate the color by 10%, you get `77, 26.317, 325.459`, and if you desaturate by 10%, it is `87, 1.727, 144.534`.

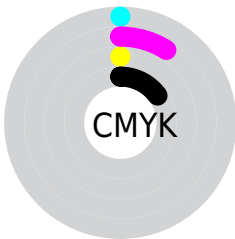
Distribution



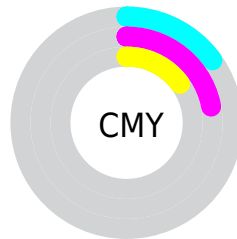
- Red (85%)
- Green (78%)
- Blue (85%)



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



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (15%)




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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 12.231, 324.899 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, 12.231, 324.899 by changing the saturation by 10% instead.

 82, 12.231,
324.899


 82, 12.231,
324.899


 100, 12.231,
324.899

 72, 12.231,
324.899


 62, 12.231,
324.899

 52, 12.231,
324.899

 42, 12.231,
324.899

 32, 12.231,
324.899

 22, 12.231,
324.899

 12, 12.231,

324.899

■ 2, 12.231, 324.899

■ 0, 12.231, 324.899

■ 82, 12.231,
324.899

■ 82, 12.231,
324.899

■ 77, 26.317,
325.459

■ 87, 1.727, 144.534

■ 72, 40.322,
326.000

■ 93, 15.410,
143.858

■ 67, 53.936,
326.515

■ 97, 23.632,
143.532

■ 63, 66.742,
326.987

■ 97, 23.631,
143.532

■ 59, 78.234,

■ 97, 23.631,
143.533

327.401

97, 23.631,
143.533

56, 87.867,
327.739

97, 23.631,
143.533

54, 95.163,
327.990

97, 23.631,
143.533

52, 99.857,
328.148

97, 23.631,
143.534

52, 102.166,
328.226

Harmonies

Complementary

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



82, 12.231, 324.899



85, 12.209, 143.952

Rectangle

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



82, 12.231, 324.899



82, 12.231, 14.899



82, 12.231, 144.899



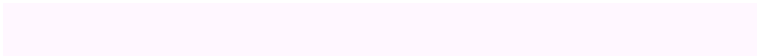
82, 12.231, 194.899

Sweetspot

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



82, 12.229, 324.899



98, 4.763, 324.543



80, 10.120, 291.081



52, 3.611, 324.601



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, 12.229, 324.899



94, 15.934, 324.976



82, 8.613, 344.330



43, 8.001, 324.939



41, 86.548, 328.233



7, 34.556, 328.173

Inverse Universe

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



82, 12.229, 324.899



94, 15.934, 324.976



85, 8.511, 162.972



43, 8.001, 324.939



41, 86.548, 328.233



7, 34.556, 328.173

Previews

White Background



This preview shows how the CIELCh color 82, 12.231, 324.899 looks on a white background.

Color Contrast Check

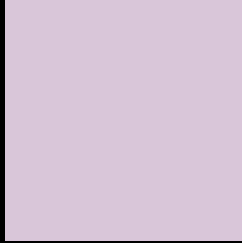
Large Text (above 18pt) WCAG AA × Fail

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, 12.231, 324.899 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

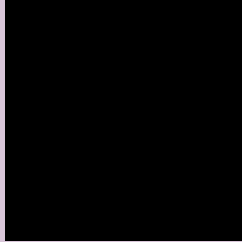
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

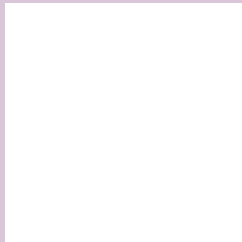
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 12.231, 324.899

Background



This preview shows how black text looks on a background with the CIELCh color 82, 12.231, 324.899.



This preview shows how white text looks on a background with the CIELCh color 82, 12.231, 324.899.

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, 10.322, 329.861

Trichromacy



Original Color
82, 12.231, 324.899

Protanomaly
82, 9.907, 305.508

Deuteranomaly
82, 12.436, 326.299

Tritanomaly
82, 10.733, 328.065

Monochromacy



Original Color
82, 12.231, 324.899

Achromatopsia
83, 0.010, 296.813

Achromatomaly
82, 4.521, 324.565

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 12.231, 324.899 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(217, 198, 217)` looks like.

```
.text, #text, p{  
    color:rgb(217, 198, 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(217, 198, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 198, 217) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 12.231, 324.899 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(217, 198, 217) }
```

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

```
.border{ border-color:rgb(217, 198, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 198, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 198, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 198, 217);  
box-shadow:4px 4px 4px 4px rgb(217, 198,  
217) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 12.231, 324.899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 198, 217) }
```

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

```
.background{ background-color: rgb(217,  
198, 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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