

Converting Colors

CIELCh(82, 8.384, 324.743)

Have a look what the booklet for
CIELCh(82, 8.384, 324.743) contains.

CIELCh(82, 8.384, 324.743)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(82, 8.384, 324.743)

Conversions

Conversions Part 1

Format	Color
Hex	D5C8D5
RGB	213, 200, 213
RGB Percent	84%, 78%, 84%
CMY	0.1645, 0.2154, 0.1645
CMYK	0.00, 0.06, 0.00, 0.16
HSL	300°, 13%, 81%
HSV	300°, 6%, 84%
XYZ	60.1436, 60.2982, 71.4592
YIQ	205.3690, 3.5750, 6.7990

Conversions

Conversions Part 2

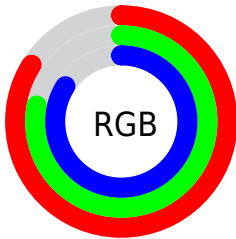
Format	Color
R_{YB}	213, 200, 213
Decimal	14010581
CIE Lab	82.00, 6.85, -4.84
CIE LCh	82, 8.384, 324.743
Yxy	60.2982, 0.3134, 0.3142
Android (android.graphics.Color)	4292200661 (0xFFD5C8D5)
YUV	205.3690, 3.7621, 6.6924
Hunter-Lab	77.6519, 2.3625, -0.2053

Details

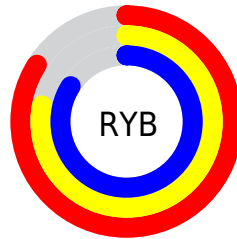
The CIELCh color `82, 8.384, 324.743` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `84, 8.363, 144.125`, and the grayscale version is `83, 0.010, 296.813`.

A 20% lighter version of the original color is `100, 0.012, 296.813`, and `62, 8.187, 324.822` is the 20% darker color. If you saturate the color by 10%, you get `77, 22.232, 325.311`, and if you desaturate by 10%, it is `87, 5.296, 144.283`.

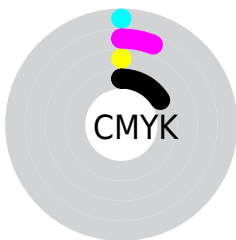
Distribution



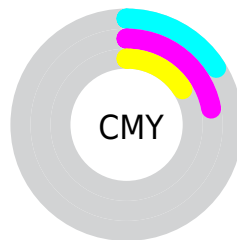
- Red (84%)
- Green (78%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)



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


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 8.384, 324.743 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, 8.384, 324.743 by changing the saturation by 10% instead.

 82, 8.384, 324.743

 82, 8.384, 324.743

 100, 8.384,
324.743

 72, 8.384, 324.743

 62, 8.384, 324.743

 52, 8.384, 324.743

 42, 8.384, 324.743

 32, 8.384, 324.743

 22, 8.384, 324.743

 12, 8.384, 324.743

 2, 8.384, 324.743

 0, 8.384, 324.743

82, 8.384, 324.743

82, 8.384, 324.743

77, 22.232,
325.311

87, 5.296, 144.283

72, 36.067,
325.857

93, 18.679,
143.716

67, 49.607,
326.379

96, 26.257,
143.414

63, 62.474,
326.864

96, 26.257,
143.413

59, 74.190,
327.295

96, 26.257,
143.413

56, 84.222,
327.654

96, 26.257,
143.413

53, 92.071,
327.929

96, 26.257,
143.413

52, 97.402,
328.113

96, 26.257,
143.413

■ 51, 100.206,
328.208

■ 96, 26.257,
143.413

Harmonies

Complementary

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



82, 8.384, 324.743



84, 8.363, 144.125

Rectangle

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



82, 8.384, 324.743



82, 8.384, 14.743



82, 8.384, 144.743



82, 8.384, 194.743

Sweetspot

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



82, 8.382, 324.743



99, 3.176, 324.455



81, 6.796, 290.138



53, 1.806, 324.444



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, 8.382, 324.743



96, 11.135, 324.801



82, 5.961, 343.188



43, 6.271, 324.828



41, 85.606, 328.232



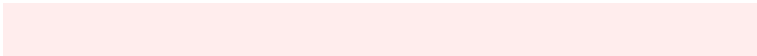
6, 32.951, 328.043

Inverse Universe

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



82, 4.805, 19.659



95, 6.405, 19.740



84, 5.908, 162.340



43, 3.613, 19.778



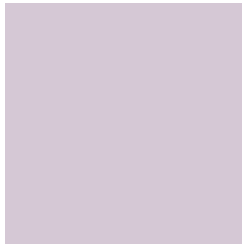
35, 77.349, 39.898



5, 22.000, 19.767

Previews

White Background



This preview shows how the CIELCh color 82, 8.384, 324.743 looks on a white background.

Color Contrast Check

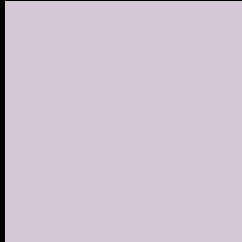
Large Text (above 18pt) WCAG AA × Fail

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, 8.384, 324.743 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

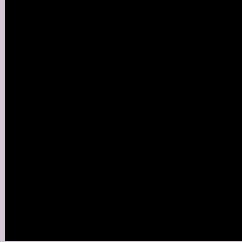
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

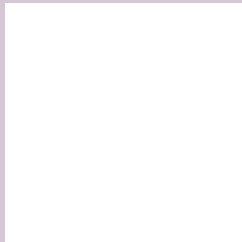
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 8.384, 324.743

Background



This preview shows how black text looks on a background with the CIELCh color 82, 8.384, 324.743.

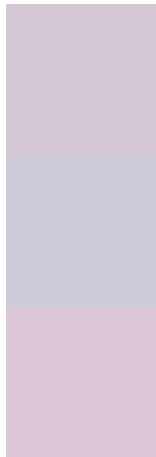


This preview shows how white text looks on a background with the CIELCh color 82, 8.384, 324.743.

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, 8.384, 324.743

Protanopia

82, 6.382, 293.940

Deuteranopia

82, 11.054, 334.330



Tritanopia
82, 9.275, 321.066

Trichromacy



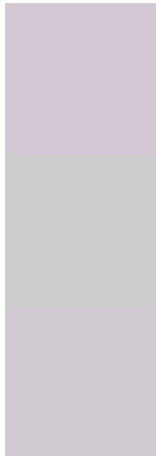
Original Color
82, 8.384, 324.743

Protanomaly
82, 6.640, 306.362

Deuteranomaly
82, 9.923, 331.808

Tritanomaly
82, 8.825, 322.810

Monochromacy



Original Color
82, 8.384, 324.743

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 3.235, 324.491

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 8.384, 324.743 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(213, 200, 213)` looks like.

```
.text, #text, p{  
    color:rgb(213, 200, 213)  
}
```

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(213, 200, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 200, 213) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 8.384, 324.743 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(213, 200, 213) }
```

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

```
.border{ border-color:rgb(213, 200, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 200, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 200, 213); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 200, 213); box-shadow:4px 4px 4px 4px rgb(213, 200, 213) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 8.384, 324.743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 200, 213) }
```

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

```
.background{ background-color: rgb(213,  
200, 213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor