

Converting Colors

CIELCh(82, 8.432, 349.598)

Have a look what the booklet for
CIELCh(82, 8.432, 349.598) contains.

CIELCh(82, 8.495, 350.189)	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, 8.495, 350.189)

Conversions

Conversions Part 1

Format	Color
Hex	DBC7CF
RGB	219, 199, 207
RGB Percent	86%, 78%, 81%
CMY	0.1419, 0.2203, 0.1889
CMYK	0.00, 0.09, 0.05, 0.14
HSL	336°, 22%, 82%
HSV	336°, 9%, 86%
XYZ	60.7867, 60.2982, 67.3564
YIQ	205.8920, 9.3520, 6.7280

Conversions

Conversions Part 2

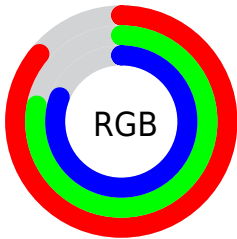
Format	Color
R _Y B	219, 199, 207
Decimal	14403535
CIE Lab	82.00, 8.37, -1.45
CIE LCh	82, 8.495, 350.189
Yxy	60.2982, 0.3226, 0.3200
Android (android.graphics.Color)	4292593615 (0xFFDBC7CF)
YUV	205.8920, 0.5462, 11.4957
Hunter-Lab	77.6519, 3.8408, 2.9273

Details

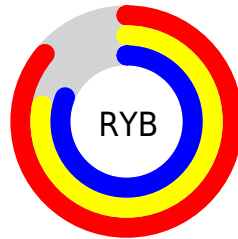
The CIELCh color $82, 8.495, 350.189$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $86, 8.337, 168.661$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 0.012, 296.813$, and $62, 8.656, 349.123$ is the 20% darker color. If you saturate the color by 10%, you get $76, 18.050, 351.243$, and if you desaturate by 10%, it is $88, 0.782, 169.954$.

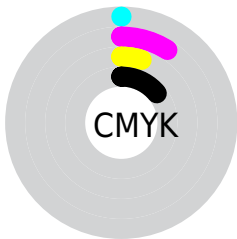
Distribution



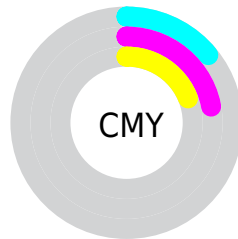
- Red (86%)
- Green (78%)
- Blue (81%)



- Red (86%)
- Yellow (78%)
- Blue (81%)



- Cyan (0%)
- Magenta (9%)
- Yellow (5%)
- Black (14%)



- Cyan (14%)
- Magenta (22%)
- Yellow (19%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 8.495, 350.189 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, 8.495, 350.189 by changing the saturation by 10% instead.

 82, 8.495, 350.189

 82, 8.495, 350.189

 100, 8.495,
350.189

 72, 8.495, 350.189

 62, 8.495, 350.189

 52, 8.495, 350.189

 42, 8.495, 350.189

 32, 8.495, 350.189

 22, 8.495, 350.189

 12, 8.495, 350.189

 2, 8.495, 350.189

 0, 8.495, 350.189

82, 8.495, 350.189

82, 8.495, 350.189

76, 18.050,
351.243

88, 0.782, 169.954

71, 27.779,
352.419

94, 9.722, 168.589

65, 37.491,
353.786

97, 13.246,
178.781

61, 46.894,
355.415

98, 12.182,
198.692

56, 55.584,
357.406

53, 63.084,
359.892

50, 68.945, 3.045

48, 72.945, 7.040

Harmonies

Complementary

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



82, 8.495, 350.189



86, 8.337, 168.661

Rectangle

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



82, 8.495, 350.189



82, 8.495, 40.189



82, 8.495, 170.189



82, 8.495, 220.189

Sweetspot

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



82, 8.493, 350.196



98, 3.129, 349.518



82, 11.498, 312.852



52, 2.374, 349.627



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, 8.493, 350.196



93, 11.612, 350.395



82, 6.778, 28.758



43, 5.289, 350.226



37, 63.485, 11.412



6, 24.295, 1.209

Inverse Universe

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



82, 8.493, 350.196



93, 11.612, 350.395



85, 6.389, 208.539



43, 5.289, 350.226



37, 63.485, 11.412



6, 24.295, 1.209

Previews

White Background



This preview shows how the CIELCh color 82, 8.495, 350.189 looks on a white background.

Color Contrast Check

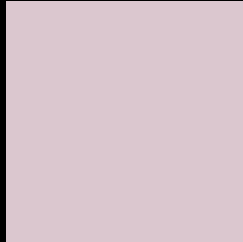
Large Text (above 18pt) WCAG AA × Fail

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 82, 8.495, 350.189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

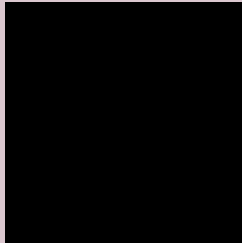
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 8.495, 350.189

Background



This preview shows how black text looks on a background with the CIELCh color 82, 8.495, 350.189.

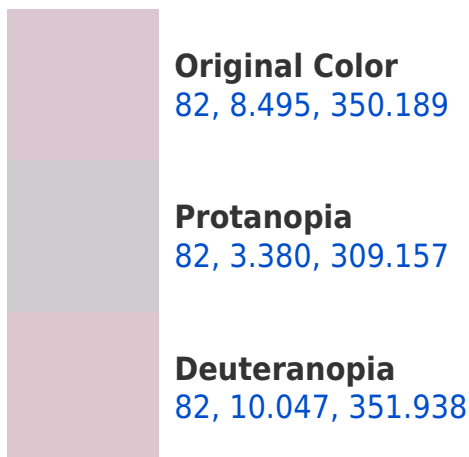



This preview shows how white text looks on a background with the CIELCh color 82, 8.495, 350.189.

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, 11.309, 335.695

Trichromacy



Original Color
82, 8.495, 350.189

Protanomaly
82, 5.228, 334.539

Deuteranomaly
82, 9.722, 350.862

Tritanomaly
82, 10.605, 339.788

Monochromacy



Original Color
82, 8.495, 350.189

Achromatopsia
83, 0.010, 296.813

Achromatomaly
82, 3.343, 351.177

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 8.495, 350.189 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(219, 199, 207)` looks like.

```
.text, #text, p{  
    color:rgb(219, 199, 207)  
}
```

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(219, 199, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 199, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 8.495, 350.189 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(219, 199, 207) }
```

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

```
.border{ border-color:rgb(219, 199, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 199, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 199, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 199, 207);  
box-shadow:4px 4px 4px 4px rgb(219, 199,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 8.495, 350.189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 199, 207) }
```

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

```
.background{ background-color: rgb(219,  
199, 207) }
```

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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