

Converting Colors

CIE LCh(82, 4.418, 8.222)

Have a look what the booklet for
CIELCh(82, 4.418, 8.222) contains.

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Color

CIELCh(82, 4.548, 6.207)

Conversions

Conversions Part 1

Format	Color
Hex	D5C9CB
RGB	213, 201, 203
RGB Percent	84%, 79%, 80%
CMY	0.1643, 0.2113, 0.2035
CMYK	0.00, 0.06, 0.05, 0.16
HSL	350°, 13%, 81%
HSV	350°, 6%, 84%
XYZ	59.1717, 60.2982, 65.0829
YIQ	204.8160, 6.5100, 3.1660

Conversions

Conversions Part 2

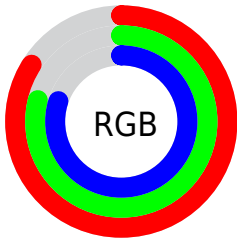
Format	Color
R _Y B	213, 201, 203
Decimal	14010827
CIE Lab	82.00, 4.52, 0.49
CIE LCh	82, 4.548, 6.207
Yxy	60.2982, 0.3206, 0.3267
Android (android.graphics.Color)	4292200907 (0xFFD5C9CB)
YUV	204.8160, -0.8953, 7.1774
Hunter-Lab	77.6519, 0.1283, 4.6632

Details

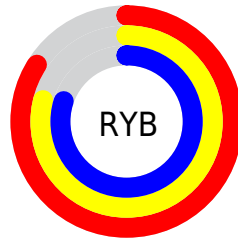
The CIELCh color **82, 4.548, 6.207** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84, 4.434, 185.487**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **62, 4.443, 5.169** is the 20% darker color. If you saturate the color by 10%, you get **76, 12.983, 7.310**, and if you desaturate by 10%, it is **88, 3.420, 185.652**.

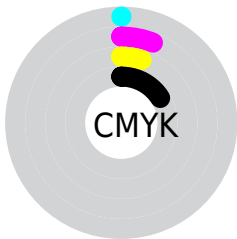
Distribution



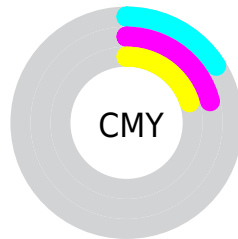
- Red (84%)
- Green (79%)
- Blue (80%)



- Red (84%)
- Yellow (79%)
- Blue (80%)



- Cyan (0%)
- Magenta (6%)
- Yellow (5%)
- Black (16%)



- Cyan (16%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 4.548, 6.207 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, 4.548, 6.207 by changing the saturation by 10% instead.

82, 4.548, 6.207

82, 4.548, 6.207

100, 4.548, 6.207

72, 4.548, 6.207

62, 4.548, 6.207

52, 4.548, 6.207

42, 4.548, 6.207

32, 4.548, 6.207

22, 4.548, 6.207

12, 4.548, 6.207

2, 4.548, 6.207

0, 4.548, 6.207

82, 4.548, 6.207

82, 4.548, 6.207

76, 12.983, 7.310

88, 3.420, 185.652

71, 21.863, 8.531

94, 10.923,
184.806

65, 31.107, 10.007

97, 14.017,
198.571

60, 40.553, 11.835

56, 49.947, 14.135

52, 58.956, 17.052

48, 67.236, 20.724

46, 74.552, 25.200

45, 80.844, 30.273

Harmonies

Complementary

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



82, 4.548, 6.207



84, 4.434, 185.487

Rectangle

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



82, 4.548, 6.207



82, 4.548, 56.207



82, 4.548, 186.207



82, 4.548, 236.207

Sweetspot

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



82, 4.546, 6.226



99, 1.851, 5.686



82, 7.351, 320.022



53, 1.052, 5.659



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, 4.546, 6.226



95, 6.565, 6.386



83, 3.610, 55.111



43, 3.702, 6.436



35, 70.164, 31.534



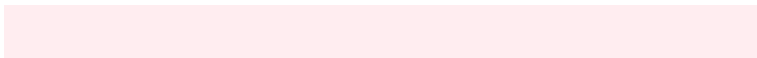
5, 22.012, 12.354

Inverse Universe

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



82, 4.546, 6.226



95, 6.565, 6.386



83, 3.519, 236.319



43, 3.702, 6.436



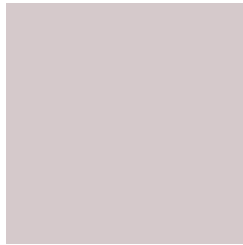
35, 70.164, 31.534



5, 22.012, 12.354

Previews

White Background



This preview shows how the CIELCh color 82, 4.548, 6.207 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, 4.548, 6.207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

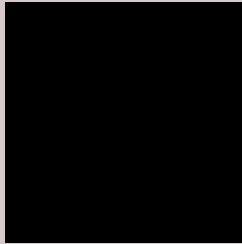
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

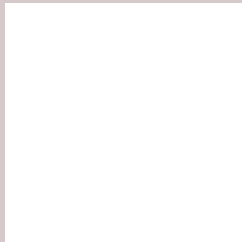
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 82, 4.548, 6.207

Background



This preview shows how black text looks on a background with the CIELCh color 82, 4.548, 6.207.

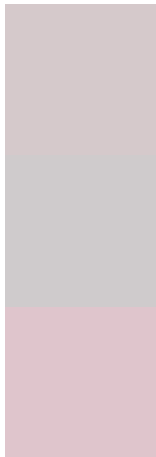


This preview shows how white text looks on a background with the CIELCh color 82, 4.548, 6.207.

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

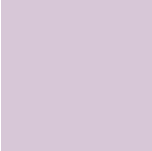
82, 4.548, 6.207

Protanopia

82, 1.563, 359.370

Deuteranopia

82, 10.317, 359.211



Tritanopia
82, 10.309, 324.823

Trichromacy



Original Color

82, 4.548, 6.207

Protanomaly

82, 2.785, 357.087

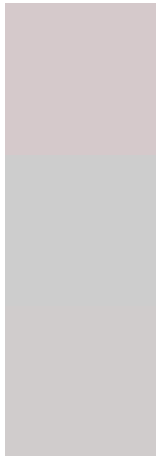
Deuteranomaly

82, 8.388, 357.814

Tritanomaly

82, 7.772, 331.400

Monochromacy



Original Color

82, 4.548, 6.207

Achromatopsia

82, 0.010, 296.813

Achromatomaly

82, 1.462, 19.133

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 4.548, 6.207 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, 201, 203)` looks like.

```
.text, #text, p{  
    color:rgb(213, 201, 203)  
}
```

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, 201, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 201, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 4.548, 6.207 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, 201, 203) }
```

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

```
.border{ border-color:rgb(213, 201, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 201, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 201, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 201, 203);  
box-shadow:4px 4px 4px 4px rgb(213, 201,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 4.548, 6.207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 201, 203) }
```

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

```
.background{ background-color: rgb(213,  
201, 203) }
```

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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