

Converting Colors

CIELCh(82, 6.791, 358.757)

Have a look what the booklet for
CIELCh(82, 6.791, 358.757) contains.

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Color

CIELCh(82, 6.623, 1.256)

Conversions

Conversions Part 1

Format	Color
Hex	D9C8CC
RGB	217, 200, 204
RGB Percent	85%, 78%, 80%
CMY	0.1497, 0.2164, 0.2007
CMYK	0.00, 0.08, 0.06, 0.15
HSL	346°, 18%, 82%
HSV	346°, 8%, 85%
XYZ	60.0492, 60.2982, 65.4854
YIQ	205.5390, 8.8480, 4.8480

Conversions

Conversions Part 2

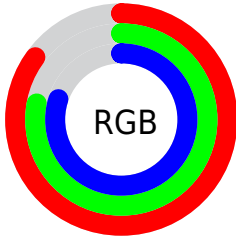
Format	Color
R _Y B	217, 200, 204
Decimal	14272716
CIE Lab	82.00, 6.62, 0.15
CIE LCh	82, 6.623, 1.256
Yxy	60.2982, 0.3231, 0.3245
Android (android.graphics.Color)	4292462796 (0xFFD9C8CC)
YUV	205.5390, -0.7587, 10.0513
Hunter-Lab	77.6519, 2.1454, 4.3559

Details

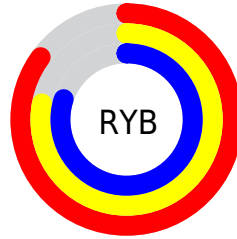
The CIELCh color **82, 6.623, 1.256** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **85, 6.437, 179.982**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **62, 6.652, 0.380** is the 20% darker color. If you saturate the color by 10%, you get **76, 15.429, 2.387**, and if you desaturate by 10%, it is **88, 1.775, 180.723**.

Distribution



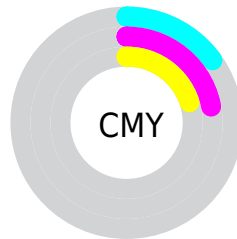
- Red (85%)
- Green (78%)
- Blue (80%)



- Red (85%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (8%)
- Yellow (6%)
- Black (15%)



- Cyan (15%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 6.623, 1.256 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, 6.623, 1.256 by changing the saturation by 10% instead.

 82, 6.623, 1.256

 82, 6.623, 1.256

 100, 6.623, 1.256

 72, 6.623, 1.256

 62, 6.623, 1.256

 52, 6.623, 1.256

 42, 6.623, 1.256

 32, 6.623, 1.256

 22, 6.623, 1.256

 12, 6.623, 1.256

 2, 6.623, 1.256

 0, 6.623, 1.256

82, 6.623, 1.256

82, 6.623, 1.256

76, 15.429, 2.387

88, 1.775, 180.723

71, 24.593, 3.670

94, 9.744, 179.672

65, 33.987, 5.206

97, 12.902,
195.377

60, 43.400, 7.091

97, 12.830,
198.649

56, 52.518, 9.448

52, 60.958, 12.432

49, 68.357, 16.201

47, 74.540, 20.850

46, 79.691, 26.219

Harmonies

Complementary

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



82, 6.623, 1.256



85, 6.437, 179.982

Rectangle

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



82, 6.623, 1.256



82, 6.623, 51.256



82, 6.623, 181.256



82, 6.623, 231.256

Sweetspot

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



82, 6.621, 1.268



99, 1.903, 0.480



82, 10.155, 317.608



53, 1.082, 0.454



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, 6.621, 1.268



94, 8.699, 1.404



83, 5.219, 44.974



43, 4.859, 1.443



36, 67.915, 26.413



5, 23.778, 10.095

Inverse Universe

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



82, 6.621, 1.268



94, 8.699, 1.404



84, 4.988, 225.928



43, 4.859, 1.443



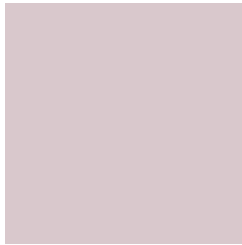
36, 67.915, 26.413



5, 23.778, 10.095

Previews

White Background



This preview shows how the CIELCh color 82, 6.623, 1.256 looks on a white background.

Color Contrast Check

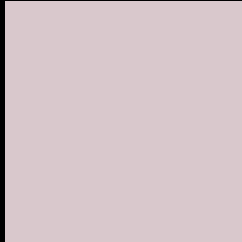
Large Text (above 18pt) WCAG AA × Fail

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, 6.623, 1.256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

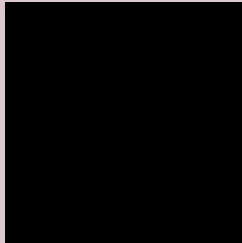
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 6.623, 1.256

Background



This preview shows how black text looks on a background with the CIELCh color 82, 6.623, 1.256.



This preview shows how white text looks on a background with the CIELCh color 82, 6.623, 1.256.

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, 6.623, 1.256

Protanopia

82, 2.174, 332.311

Deuteranopia

82, 10.317, 359.211



Tritanopia
82, 11.198, 331.069

Trichromacy



Original Color

82, 6.623, 1.256

Protanomaly

82, 3.673, 353.950

Deuteranomaly

82, 9.083, 359.673

Tritanomaly

82, 9.086, 340.258

Monochromacy



Original Color

82, 6.623, 1.256

Achromatopsia

82, 0.010, 296.813

Achromatomaly

82, 2.448, 353.756

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 6.623, 1.256 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, 200, 204)` looks like.

```
.text, #text, p{  
    color:rgb(217, 200, 204)  
}
```

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, 200, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 200, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 6.623, 1.256 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, 200, 204) }
```

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

```
.border{ border-color:rgb(217, 200, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 200, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 200, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 200, 204);  
box-shadow:4px 4px 4px 4px rgb(217, 200,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 6.623, 1.256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 200, 204) }
```

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

```
.background{ background-color: rgb(217,  
200, 204) }
```

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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