

Converting Colors

CIELCh(81, 6.649, 1.271)

Have a look what the booklet for
CIELCh(81, 6.649, 1.271) contains.

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Color

CIELCh(81, 6.642, 1.267)

Conversions

Conversions Part 1

Format	Color
Hex	D6C5C9
RGB	214, 197, 201
RGB Percent	84%, 77%, 79%
CMY	0.1606, 0.2273, 0.2116
CMYK	0.00, 0.08, 0.06, 0.16
HSL	346°, 17%, 81%
HSV	346°, 8%, 84%
XYZ	58.2653, 58.4711, 63.4975
YIQ	202.5390, 8.8480, 4.8480

Conversions

Conversions Part 2

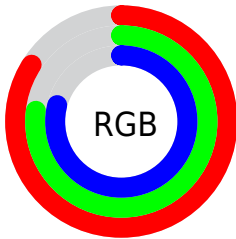
Format	Color
R _Y B	214, 197, 201
Decimal	14075337
CIE Lab	81.00, 6.64, 0.15
CIE LCh	81, 6.642, 1.267
Yxy	58.4711, 0.3233, 0.3244
Android (android.graphics.Color)	4292265417 (0xFFD6C5C9)
YUV	202.5390, -0.7587, 10.0513
Hunter-Lab	76.4664, 2.1958, 4.2922

Details

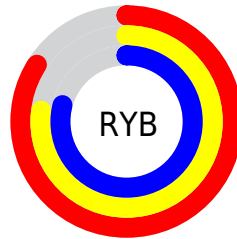
The CIELCh color **81, 6.642, 1.267** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **84, 6.453, 179.972**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.630, 323.973**, and **61, 6.678, 0.398** is the 20% darker color. If you saturate the color by 10%, you get **75, 15.360, 2.398**, and if you desaturate by 10%, it is **87, 1.673, 180.748**.

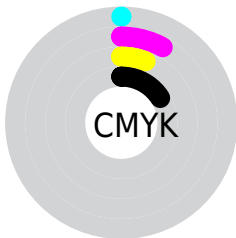
Distribution



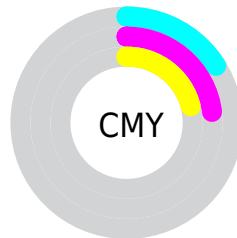
- Red (84%)
- Green (77%)
- Blue (79%)



- Red (84%)
- Yellow (77%)
- Blue (79%)



- Cyan (0%)
- Magenta (8%)
- Yellow (6%)
- Black (16%)



- Cyan (16%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 81, 6.642, 1.267 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 81, 6.642, 1.267 by changing the saturation by 10% instead.

81, 6.642, 1.267

81, 6.642, 1.267

100, 6.642, 1.267

71, 6.642, 1.267

61, 6.642, 1.267

51, 6.642, 1.267

41, 6.642, 1.267

31, 6.642, 1.267

21, 6.642, 1.267

11, 6.642, 1.267

1, 6.642, 1.267

0, 6.642, 1.267

81, 6.642, 1.267

81, 6.642, 1.267

75, 15.360, 2.398

87, 1.673, 180.748

70, 24.431, 3.681

93, 9.564, 179.681

64, 33.729, 5.219

97, 14.116,
188.408

59, 43.042, 7.105

97, 13.718,
198.590

55, 52.063, 9.464

51, 60.410, 12.448

48, 67.727, 16.219

46, 73.841, 20.868

45, 78.943, 26.229

Harmonies

Complementary

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



81, 6.642, 1.267



84, 6.453, 179.972

Rectangle

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



81, 6.642, 1.267



81, 6.642, 51.267



81, 6.642, 181.267



81, 6.642, 231.267

Sweetspot

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



81, 6.640, 1.279



99, 1.903, 0.480



81, 10.183, 317.612



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.



81, 6.640, 1.279



93, 9.689, 1.514



82, 5.235, 44.972



42, 4.766, 1.440



36, 67.140, 26.343



5, 22.114, 9.322

Inverse Universe

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



81, 6.640, 1.279



93, 9.689, 1.514



83, 5.000, 225.933



42, 4.766, 1.440



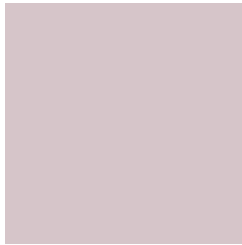
36, 67.140, 26.343



5, 22.114, 9.322

Previews

White Background



This preview shows how the CIELCh color 81, 6.642, 1.267 looks on a white background.

Color Contrast Check

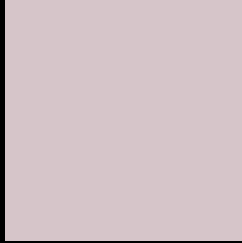
Large Text (above 18pt) WCAG AA × Fail

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 81, 6.642, 1.267 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

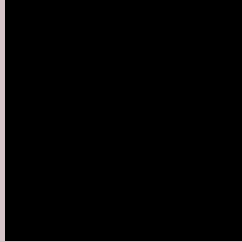
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 81, 6.642, 1.267

Background



This preview shows how black text looks on a background with the CIELCh color 81, 6.642, 1.267.



This preview shows how white text looks on a background with the CIELCh color 81, 6.642, 1.267.

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

81, 6.642, 1.267

Protanopia

81, 2.180, 332.315

Deuteranopia

81, 9.817, 1.296



Tritanopia
81, 10.584, 331.421

Trichromacy



Original Color

81, 6.642, 1.267

Protanomaly

81, 3.683, 353.957

Deuteranomaly

81, 8.583, 2.095

Tritanomaly

81, 9.111, 340.268

Monochromacy



Original Color

81, 6.642, 1.267

Achromatopsia

82, 0.010, 296.813

Achromatomaly

81, 2.270, 5.844

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 6.642, 1.267 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(214, 197, 201)` looks like.

```
.text, #text, p{  
    color:rgb(214, 197, 201)  
}
```

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(214, 197, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 197, 201) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 6.642, 1.267 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(214, 197, 201) }
```

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

```
.border{ border-color:rgb(214, 197, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 197, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 197, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 197, 201);  
box-shadow:4px 4px 4px 4px rgb(214, 197,  
201) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 6.642, 1.267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 197, 201) }
```

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

```
.background{ background-color: rgb(214,  
197, 201) }
```

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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