

Converting Colors

CIELCh(83, 6.166, 1.674)

Have a look what the booklet for
CIELCh(83, 6.166, 1.674) contains.

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Color

CIELCh(83, 6.255, 0.121)

Conversions

Conversions Part 1

Format	Color
Hex	DBCBCF
RGB	219, 203, 207
RGB Percent	86%, 80%, 81%
CMY	0.1418, 0.2046, 0.1889
CMYK	0.00, 0.07, 0.05, 0.14
HSL	345°, 18%, 83%
HSV	345°, 7%, 86%
XYZ	61.7205, 62.1629, 67.6692
YIQ	208.2400, 8.2520, 4.6360

Conversions

Conversions Part 2

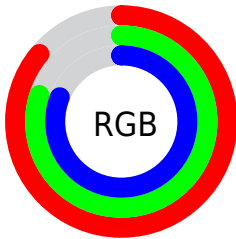
Format	Color
R _Y B	219, 203, 207
Decimal	14404559
CIE Lab	83.00, 6.25, 0.01
CIE LCh	83, 6.255, 0.121
Yxy	62.1629, 0.3222, 0.3245
Android (android.graphics.Color)	4292594639 (0xFFDBCBCF)
YUV	208.2400, -0.6113, 9.4365
Hunter-Lab	78.8435, 1.7578, 4.3035

Details

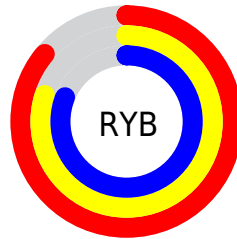
The CIELCh color **83, 6.255, 0.121** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **86, 6.097, 178.951**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **63, 6.258, 359.099** is the 20% darker color. If you saturate the color by 10%, you get **77, 15.150, 1.249**, and if you desaturate by 10%, it is **89, 2.239, 179.534**.

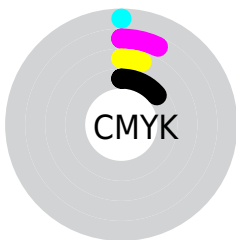
Distribution



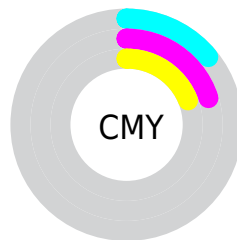
- Red (86%)
- Green (80%)
- Blue (81%)



- Red (86%)
- Yellow (80%)
- Blue (81%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (14%)



- Cyan (14%)
- Magenta (20%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 6.255, 0.121 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 83, 6.255, 0.121 by changing the saturation by 10% instead.

83, 6.255, 0.121

83, 6.255, 0.121

100, 6.255, 0.121

73, 6.255, 0.121

63, 6.255, 0.121

53, 6.255, 0.121

43, 6.255, 0.121

33, 6.255, 0.121

23, 6.255, 0.121

13, 6.255, 0.121

3, 6.255, 0.121

0, 6.255, 0.121

83, 6.255, 0.121

83, 6.255, 0.121

77, 15.150, 1.249

89, 2.239, 179.534

71, 24.392, 2.518

95, 10.310,
178.542

66, 33.854, 4.031

98, 12.181,
198.692

61, 43.319, 5.881

56, 52.471, 8.188

53, 60.915, 11.105

50, 68.275, 14.796

47, 74.356, 19.376

46, 79.326, 24.746

Harmonies

Complementary

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



83, 6.255, 0.121



86, 6.097, 178.951

Rectangle

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



83, 6.255, 0.121



83, 6.255, 50.121



83, 6.255, 180.121



83, 6.255, 230.121

Sweetspot

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



83, 6.253, 0.133



99, 1.916, 359.405



83, 9.538, 317.584



53, 1.089, 359.380



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



83, 6.253, 0.133



94, 8.753, 0.327



84, 4.894, 44.988



43, 4.889, 0.366



36, 67.326, 25.196



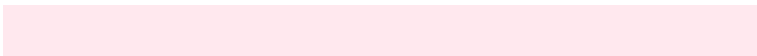
5, 23.798, 9.422

Inverse Universe

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



83, 6.253, 0.133



94, 8.753, 0.327



85, 4.693, 225.906



43, 4.889, 0.366



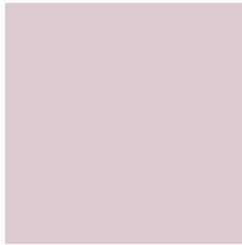
36, 67.326, 25.196



5, 23.798, 9.422

Previews

White Background



This preview shows how the CIELCh color 83, 6.255, 0.121 looks on a white background.

Color Contrast Check

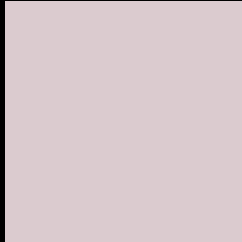
Large Text (above 18pt) WCAG AA × Fail

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 83, 6.255, 0.121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

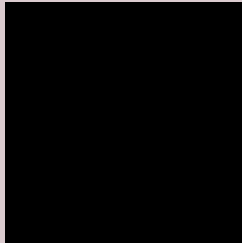
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

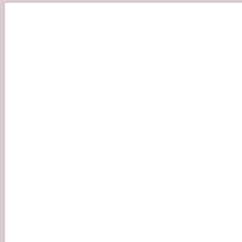
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 6.255, 0.121

Background



This preview shows how black text looks on a background with the CIELCh color 83, 6.255, 0.121.



This preview shows how white text looks on a background with the CIELCh color 83, 6.255, 0.121.

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

83, 6.255, 0.121

Protanopia

83, 1.813, 343.573

Deuteranopia

83, 10.288, 359.195



Tritanopia
83, 10.937, 329.591

Trichromacy



Original Color

83, 6.255, 0.121

Protanomaly

83, 3.336, 351.173

Deuteranomaly

83, 8.709, 358.765

Tritanomaly

83, 8.786, 338.683

Monochromacy



Original Color

83, 6.255, 0.121

Achromatopsia

83, 0.010, 296.813

Achromatomaly

83, 2.441, 353.750

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 6.255, 0.121 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, 203, 207)` looks like.

```
.text, #text, p{  
    color:rgb(219, 203, 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, 203, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 203, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 6.255, 0.121 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, 203, 207) }
```

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

```
.border{ border-color:rgb(219, 203, 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, 203, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(219, 203, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(219, 203, 207); box-shadow:4px 4px 4px 4px rgb(219, 203, 207) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 6.255, 0.121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 203, 207) }
```

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

```
.background{ background-color: rgb(219,  
203, 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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