

Converting Colors

CIELCh(83, 8.417, 84.317)

Have a look what the booklet for
CIELCh(83, 8.417, 84.317) contains.

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Color

CIELCh(83, 8.579, 86.206)

Conversions

Conversions Part 1

Format	Color
Hex	D7CEBF
RGB	215, 206, 191
RGB Percent	84%, 81%, 75%
CMY	0.1580, 0.1932, 0.2521
CMYK	0.00, 0.04, 0.11, 0.16
HSL	38°, 23%, 79%
HSV	38°, 11%, 84%
XYZ	59.3201, 62.1629, 58.0037
YIQ	206.9810, 10.1790, -2.7570

Conversions

Conversions Part 2

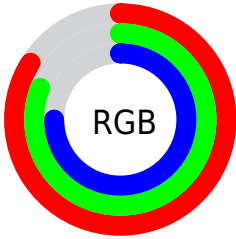
Format	Color
R _Y B	205, 215, 191
Decimal	14143167
CIE Lab	83.00, 0.57, 8.56
CIE LCh	83, 8.579, 86.206
Yxy	62.1629, 0.3305, 0.3463
Android (android.graphics.Color)	4292333247 (0xFFD7CEBF)
YUV	206.9810, -7.8786, 7.0327
Hunter-Lab	78.8435, -3.6766, 11.5719

Details

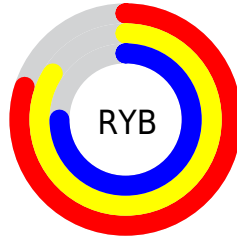
The CIELCh color **83, 8.579, 86.206** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **80, 8.523, 269.202**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 4.046, 109.857**, and **63, 8.422, 86.898** is the 20% darker color. If you saturate the color by 10%, you get **80, 16.485, 84.928**, and if you desaturate by 10%, it is **86, 0.882, 87.196**.

Distribution



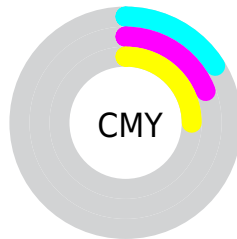
- Red (84%)
- Green (81%)
- Blue (75%)



- Red (80%)
- Yellow (84%)
- Blue (75%)



- Cyan (0%)
- Magenta (4%)
- Yellow (11%)
- Black (16%)



- Cyan (16%)
- Magenta (19%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 8.579, 86.206 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, 8.579, 86.206 by changing the saturation by 10% instead.



83, 8.579, 86.206

83, 8.579, 86.206

80, 16.485, 84.928

86, 0.882, 87.196

78, 24.592, 83.585

88, 6.617, 268.782

76, 32.871, 82.201

91, 13.862,
269.805

73, 41.247, 80.773

93, 11.590,
248.817

71, 49.556, 79.285

69, 57.484, 77.690

95, 11.335,
223.107

67, 64.468, 75.891

97, 13.167,
200.832

65, 69.672, 73.707

63, 72.543, 71.390

97, 13.501,
198.605

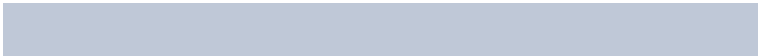
Harmonies

Complementary

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



83, 8.579, 86.206



80, 8.523, 269.202

Rectangle

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



83, 8.579, 86.206



83, 8.579, 136.206



83, 8.579, 266.206



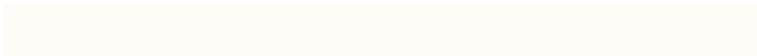
83, 8.579, 316.206

Sweetspot

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



83, 8.580, 86.221



99, 2.612, 87.164



79, 10.162, 351.442



53, 1.984, 87.089



0, 0.000, 0.000



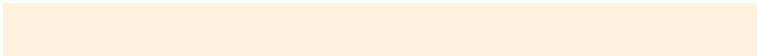
53, 0.007, 296.813

Same Dimension

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



83, 8.580, 86.221



96, 11.508, 85.974



85, 12.597, 113.880



44, 4.338, 86.440



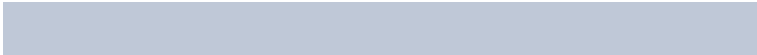
51, 61.153, 71.939



11, 17.682, 74.049

Inverse Universe

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



80, 8.523, 269.202



92, 11.410, 269.488



78, 12.919, 295.705



42, 4.317, 268.955



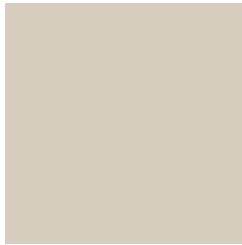
31, 67.242, 293.880



5, 20.247, 282.147

Previews

White Background



This preview shows how the CIELCh color 83, 8.579, 86.206 looks on a white background.

Color Contrast Check

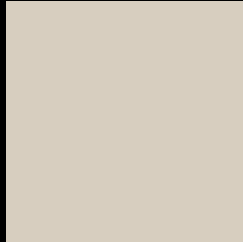
Large Text (above 18pt) WCAG AA × Fail

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 83, 8.579, 86.206 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

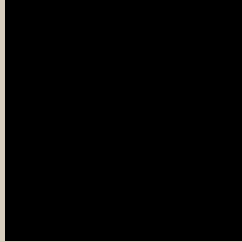
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

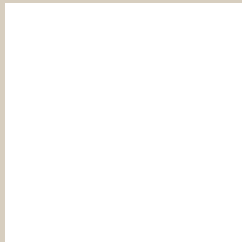
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 8.579, 86.206

Background



This preview shows how black text looks on a background with the CIELCh color 83, 8.579, 86.206.

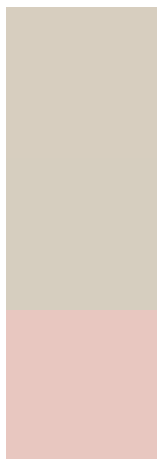


This preview shows how white text looks on a background with the CIELCh color 83, 8.579, 86.206.

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, 8.579, 86.206

Protanopia

83, 8.437, 88.574

Deuteranopia

83, 13.113, 36.522



Tritanopia
83, 10.282, 324.817

Trichromacy



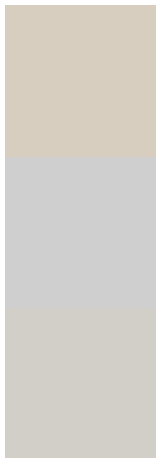
Original Color
83, 8.579, 86.206

Protanomaly
83, 8.437, 88.574

Deuteranomaly
83, 10.610, 46.440

Tritanomaly
83, 5.782, 352.632

Monochromacy



Original Color
83, 8.579, 86.206

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 3.331, 90.525

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 8.579, 86.206 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(215, 206, 191)` looks like.

```
.text, #text, p{  
    color:rgb(215, 206, 191)  
}
```

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(215, 206, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 206, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 8.579, 86.206 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(215, 206, 191) }
```

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

```
.border{ border-color:rgb(215, 206, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 206, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(215, 206, 191); -webkit-box-shadow:4px 4px 4px 4px rgb(215, 206, 191); box-shadow:4px 4px 4px 4px rgb(215, 206, 191) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 8.579, 86.206 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 206, 191) }
```

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

```
.background{ background-color: rgb(215,  
206, 191) }
```

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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