

Converting Colors

CIELCh(83, 4.875, 78.000)

Have a look what the booklet for
CIELCh(83, 4.875, 78.000) contains.

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Color

CIELCh(83, 4.930, 77.995)

Conversions

Conversions Part 1

Format	Color
Hex	D5CEC6
RGB	213, 206, 198
RGB Percent	84%, 81%, 78%
CMY	0.1659, 0.1933, 0.2247
CMYK	0.00, 0.03, 0.07, 0.17
HSL	32°, 15%, 80%
HSV	32°, 7%, 83%
XYZ	59.5110, 62.1629, 62.1089
YIQ	207.1810, 6.7400, -1.0040

Conversions

Conversions Part 2

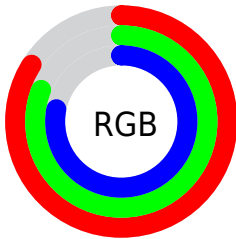
Format	Color
RYB	211, 213, 198
Decimal	14012102
CIELab	83.00, 1.03, 4.82
CIElCh	83, 4.930, 77.995
Yxy	62.1629, 0.3238, 0.3382
Android (android.graphics.Color)	4292202182 (0xFFD5CEC6)
YUV	207.1810, -4.5262, 5.1033
Hunter-Lab	78.8435, -3.2445, 8.4848

Details

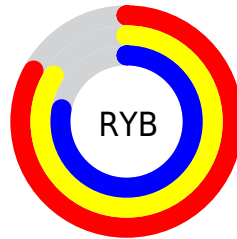
The CIELCh color **83, 4.930, 77.995** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82, 4.876, 259.957**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **63, 5.033, 81.592** is the 20% darker color. If you saturate the color by 10%, you get **80, 12.180, 76.794**, and if you desaturate by 10%, it is **86, 2.036, 259.507**.

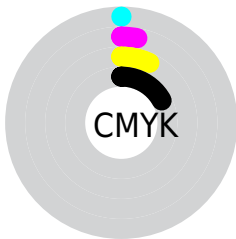
Distribution



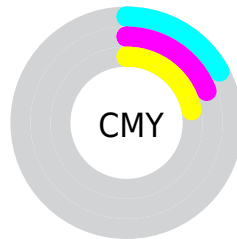
- Red (84%)
- Green (81%)
- Blue (78%)



- Red (83%)
- Yellow (84%)
- Blue (78%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (17%)



- Cyan (17%)
- Magenta (19%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 4.930, 77.995 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, 4.930, 77.995 by changing the saturation by 10% instead.

83, 4.930, 77.995

83, 4.930, 77.995

100, 4.930, 77.995

73, 4.930, 77.995

63, 4.930, 77.995

53, 4.930, 77.995

43, 4.930, 77.995

33, 4.930, 77.995

23, 4.930, 77.995

13, 4.930, 77.995

3, 4.930, 77.995

0, 4.930, 77.995

83, 4.930, 77.995

83, 4.930, 77.995

80, 12.180, 76.794

86, 2.036, 259.507

77, 19.730, 75.508

89, 8.745, 260.571

74, 27.588, 74.193

92, 12.471,
253.444

71, 35.732, 72.854

95, 11.864,
223.535

69, 44.081, 71.479

66, 52.448, 70.031

97, 14.145,
198.562

63, 60.443, 68.418

61, 67.352, 66.452

59, 72.242, 63.842

Harmonies

Complementary

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



83, 4.930, 77.995



82, 4.876, 259.957

Rectangle

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



83, 4.930, 77.995



83, 4.930, 127.995



83, 4.930, 257.995



83, 4.930, 307.995

Sweetspot

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



83, 4.931, 78.022



99, 1.598, 78.464



81, 6.660, 346.021



53, 0.908, 78.463



0, 0.000, 0.000



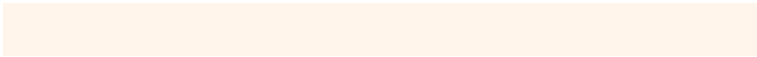
53, 0.007, 296.813

Same Dimension

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



83, 4.931, 78.022



97, 6.498, 77.901



85, 7.858, 110.846



44, 4.013, 77.741



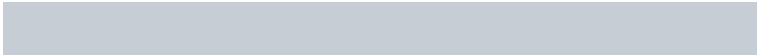
47, 62.299, 63.662



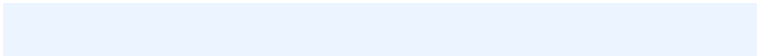
10, 17.089, 63.295

Inverse Universe

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



82, 4.876, 259.957



96, 6.409, 260.091



80, 7.997, 292.167



43, 3.946, 260.272



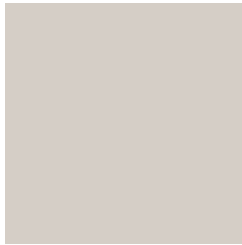
35, 56.832, 286.926



6, 18.033, 275.920

Previews

White Background



This preview shows how the CIELCh color 83, 4.930, 77.995 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, 4.930, 77.995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

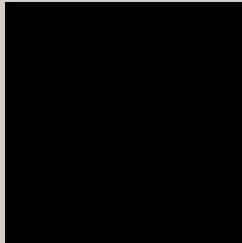
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

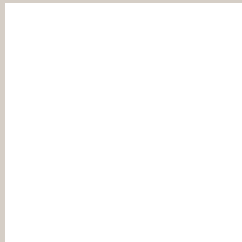
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 4.930, 77.995

Background



This preview shows how black text looks on a background with the CIELCh color 83, 4.930, 77.995.

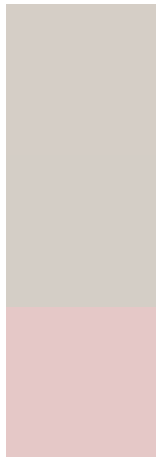


This preview shows how white text looks on a background with the CIELCh color 83, 4.930, 77.995.

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, 4.930, 77.995

Protanopia

83, 4.746, 81.840

Deuteranopia

83, 10.891, 22.948



Tritanopia
83, 9.708, 319.486

Trichromacy



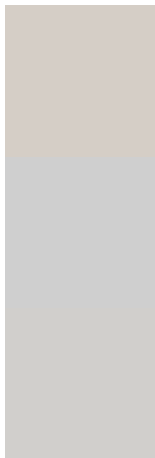
Original Color
83, 4.930, 77.995

Protanomaly
83, 4.746, 81.840

Deuteranomaly
83, 7.998, 31.278

Tritanomaly
83, 5.475, 337.277

Monochromacy



Original Color
83, 4.930, 77.995

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 1.727, 84.948

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 4.930, 77.995 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, 206, 198)` looks like.

```
.text, #text, p{  
    color:rgb(213, 206, 198)  
}
```

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, 206, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 206, 198) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 4.930, 77.995 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, 206, 198) }
```

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

```
.border{ border-color:rgb(213, 206, 198) }
```

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

Here you see how a box with a 4 pixel rgb(213, 206, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 206, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 206, 198);  
box-shadow:4px 4px 4px 4px rgb(213, 206,  
198) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 4.930, 77.995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 206, 198) }
```

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

```
.background{ background-color: rgb(213,  
206, 198) }
```

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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