

Converting Colors

CIELCh(83, 27.807, 96.130)

Have a look what the booklet for
CIELCh(83, 27.807, 96.130) contains.

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Color

CIELCh(83, 27.807, 96.130)

Conversions

Conversions Part 1

Format	Color
Hex	DDCF9B
RGB	221, 207, 155
RGB Percent	87%, 81%, 61%
CMY	0.1345, 0.1894, 0.3933
CMYK	0.00, 0.06, 0.30, 0.13
HSL	47°, 49%, 74%
HSV	47°, 30%, 87%
XYZ	57.8592, 62.1629, 39.8343
YIQ	205.2580, 25.0360, -13.2040

Conversions

Conversions Part 2

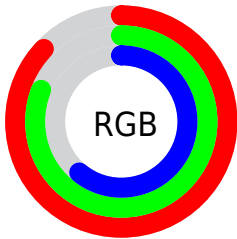
Format	Color
RYB	173, 221, 155
Decimal	14536603
CIELab	83.00, -2.97, 27.65
CIElCh	83, 27.807, 96.130
Yxy	62.1629, 0.3619, 0.3889
Android (android.graphics.Color)	4292726683 (0xFFDDCF9B)
YUV	205.2580, -24.7772, 13.8057
Hunter-Lab	78.8435, -6.9841, 25.2352

Details

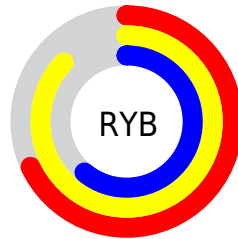
The CIELCh color **83, 27.807, 96.130** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **70, 28.708, 283.949**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 22.729, 108.455**, and **63, 28.071, 96.466** is the 20% darker color. If you saturate the color by 10%, you get **81, 37.125, 94.895**, and if you desaturate by 10%, it is **85, 18.454, 97.348**.

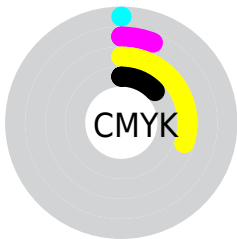
Distribution



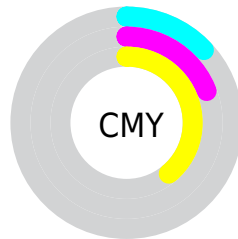
- Red (87%)
- Green (81%)
- Blue (61%)



- Red (68%)
- Yellow (87%)
- Blue (61%)



- Cyan (0%)
- Magenta (6%)
- Yellow (30%)
- Black (13%)



- Cyan (13%)
- Magenta (19%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 27.807, 96.130 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, 27.807, 96.130 by changing the saturation by 10% instead.

 83, 27.807, 96.130

 83, 27.807, 96.130

 100, 27.807,
96.130

 73, 27.807, 96.130

 63, 27.807, 96.130

 53, 27.807, 96.130

 43, 27.807, 96.130

 33, 27.807, 96.130

 23, 27.807, 96.130

 13, 27.807, 96.130

 3, 27.807, 96.130

 0, 27.807, 96.130

83, 27.807, 96.130

83, 27.807, 96.130

81, 37.125, 94.895

85, 18.454, 97.348

80, 46.272, 93.634

86, 9.136, 98.521

78, 55.017, 92.355

88, 0.106, 281.345

77, 62.972, 91.050

90, 9.255, 280.807

76, 69.548, 89.696

91, 13.217,
277.358

74, 74.010, 88.238

93, 11.371,
266.355

73, 76.125, 86.624

73, 76.144, 86.607

94, 10.081,
251.960

95, 9.563, 234.866

96, 9.927, 217.583

Harmonies

Complementary

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



83, 27.807, 96.130



70, 28.708, 283.949

Rectangle

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



83, 27.807, 96.130



83, 27.807, 146.130



83, 27.807, 276.130



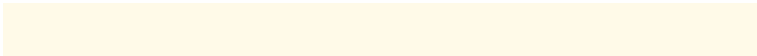
83, 27.807, 326.130

Sweetspot

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



83, 27.808, 96.135



98, 9.339, 98.615



71, 26.773, 5.339



52, 6.495, 98.447



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, 27.808, 96.135



93, 37.674, 95.345



85, 34.886, 119.388



45, 5.213, 98.575



59, 63.691, 86.910



15, 21.531, 90.045

Inverse Universe

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



70, 28.708, 283.949



75, 39.249, 285.150



68, 37.096, 303.279



43, 5.269, 280.833



25, 86.138, 301.910



4, 25.313, 289.797

Previews

White Background



This preview shows how the CIELCh color 83, 27.807, 96.130 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, 27.807, 96.130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

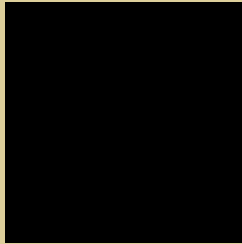
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

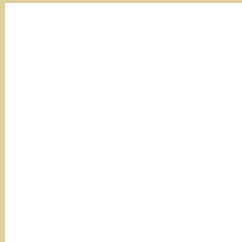
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 27.807, 96.130

Background



This preview shows how black text looks on a background with the CIELCh color 83, 27.807, 96.130.



This preview shows how white text looks on a background with the CIELCh color 83, 27.807, 96.130.

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, 27.807, 96.130

Protanopia

83, 27.412, 95.133

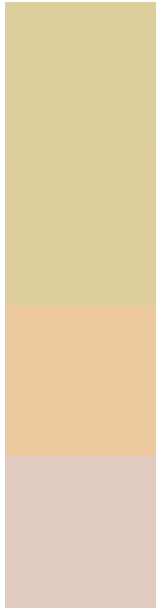
Deuteranopia

83, 28.984, 69.139



Tritanopia
83, 13.239, 343.767

Trichromacy



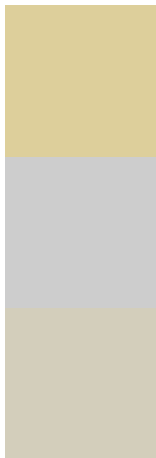
Original Color
83, 27.807, 96.130

Protanomaly
83, 27.412, 95.133

Deuteranomaly
83, 27.542, 78.135

Tritanomaly
83, 10.191, 50.924

Monochromacy



Original Color
83, 27.807, 96.130

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 10.172, 98.583

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 27.807, 96.130 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(221, 207, 155)` looks like.

```
.text, #text, p{  
    color:rgb(221, 207, 155)  
}
```

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(221, 207, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 207, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 27.807, 96.130 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(221, 207, 155) }
```

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

```
.border{ border-color:rgb(221, 207, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 207, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 207, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 207, 155);  
box-shadow:4px 4px 4px 4px rgb(221, 207,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 27.807, 96.130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 207, 155) }
```

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

```
.background{ background-color: rgb(221,  
207, 155) }
```

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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