

Converting Colors

CIELCh(83, 18.886, 76.031)

Have a look what the booklet for
CIELCh(83, 18.886, 76.031) contains.

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Color

CIELCh(83, 18.867, 76.044)

Conversions

Conversions Part 1

Format	Color
Hex	E5CBAD
RGB	229, 203, 173
RGB Percent	90%, 80%, 68%
CMY	0.1033, 0.2052, 0.3228
CMYK	0.00, 0.11, 0.24, 0.10
HSL	32°, 52%, 79%
HSV	32°, 24%, 90%
XYZ	60.9943, 62.1629, 48.1560
YIQ	207.3540, 25.1260, -3.8180

Conversions

Conversions Part 2

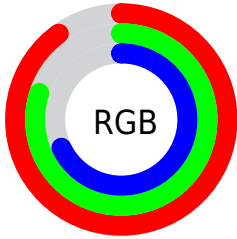
Format	Color
R _Y B	222, 229, 173
Decimal	15059885
CIE Lab	83.00, 4.55, 18.31
CIE LCh	83, 18.867, 76.044
Yxy	62.1629, 0.3560, 0.3629
Android (android.graphics.Color)	4293249965 (0xFFE5CBAD)
YUV	207.3540, -16.9365, 18.9835
Hunter-Lab	78.8435, 0.1138, 18.9773

Details

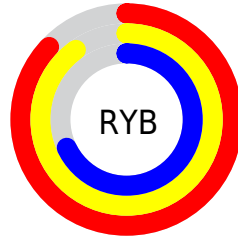
The CIELCh color $83, 18.867, 76.044$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $79, 17.917, 262.935$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 13.158, 109.183$, and $63, 18.686, 75.656$ is the 20% darker color. If you saturate the color by 10%, you get $80, 27.128, 74.735$, and if you desaturate by 10%, it is $86, 10.932, 77.337$.

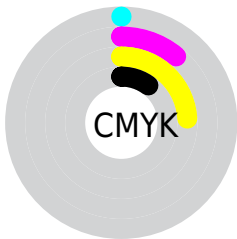
Distribution



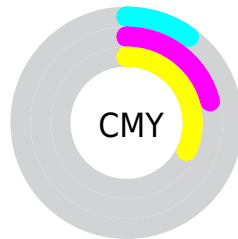
- Red (90%)
- Green (80%)
- Blue (68%)



- Red (87%)
- Yellow (90%)
- Blue (68%)



- Cyan (0%)
- Magenta (11%)
- Yellow (24%)
- Black (10%)



- Cyan (10%)
- Magenta (21%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 18.867, 76.044 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, 18.867, 76.044 by changing the saturation by 10% instead.

83, 18.867, 76.044

83, 18.867, 76.044

100, 18.867,
76.044

73, 18.867, 76.044

63, 18.867, 76.044

53, 18.867, 76.044

43, 18.867, 76.044

33, 18.867, 76.044

23, 18.867, 76.044

13, 18.867, 76.044

3, 18.867, 76.044

0, 18.867, 76.044

83, 18.867, 76.044

83, 18.867, 76.044

80, 27.128, 74.735

86, 10.932, 77.337

77, 35.699, 73.393

89, 3.311, 78.528

74, 44.512, 72.018

93, 4.018, 259.969

71, 53.400, 70.581

96, 7.469, 241.978

68, 62.004, 69.006

98, 8.966, 198.913

66, 69.650, 67.128

63, 75.310, 64.655

62, 77.627, 63.074

Harmonies

Complementary

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



83, 18.867, 76.044



79, 17.917, 262.935

Rectangle

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



83, 18.867, 76.044



83, 18.867, 126.044



83, 18.867, 256.044



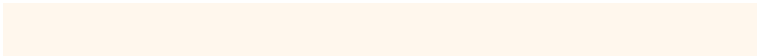
83, 18.867, 306.044

Sweetspot

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



83, 18.868, 76.053



98, 5.683, 78.248



76, 25.013, 347.776



52, 3.697, 78.177



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, 18.868, 76.053



90, 24.654, 75.438



89, 28.789, 109.241



46, 4.255, 77.960



49, 64.338, 63.724



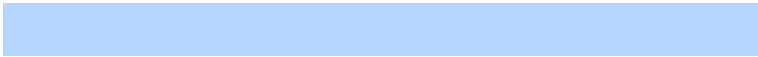
13, 20.984, 64.566

Inverse Universe

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



79, 17.917, 262.935



85, 23.153, 263.836



73, 30.508, 294.205



46, 4.184, 260.512



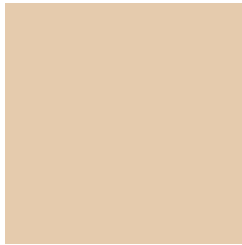
37, 59.160, 287.275



8, 21.044, 278.956

Previews

White Background



This preview shows how the CIELCh color 83, 18.867, 76.044 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, 18.867, 76.044 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

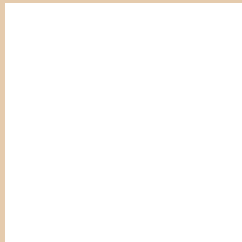
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 18.867, 76.044

Background



This preview shows how black text looks on a background with the CIELCh color 83, 18.867, 76.044.



This preview shows how white text looks on a background with the CIELCh color 83, 18.867, 76.044.

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, 18.867, 76.044

Protanopia

83, 17.459, 93.197

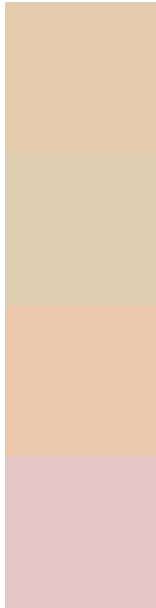
Deuteranopia

83, 21.065, 60.408



Tritanopia
83, 15.410, 349.813

Trichromacy



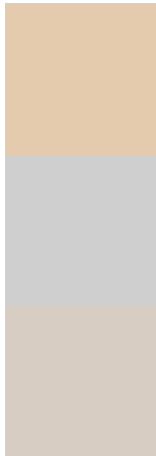
Original Color
83, 18.867, 76.044

Protanomaly
83, 17.618, 86.639

Deuteranomaly
83, 19.938, 65.166

Tritanomaly
83, 12.054, 22.780

Monochromacy



Original Color
83, 18.867, 76.044

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 6.442, 74.228

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 18.867, 76.044 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(229, 203, 173)` looks like.

```
.text, #text, p{  
    color:rgb(229, 203, 173)  
}
```

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(229, 203, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 203, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 18.867, 76.044 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(229, 203, 173) }
```

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

```
.border{ border-color:rgb(229, 203, 173) }
```

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

Here you see how a box with a 4 pixel rgb(229, 203, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 203, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 203, 173);  
box-shadow:4px 4px 4px 4px rgb(229, 203,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 18.867, 76.044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 203, 173) }
```

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

```
.background{ background-color: rgb(229,  
203, 173) }
```

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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