

Converting Colors

CIELCh(83, 21.165, 74.992)

Have a look what the booklet for
CIELCh(83, 21.165, 74.992) contains.

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Color

CIELCh(83, 21.144, 74.485)

Conversions

Conversions Part 1

Format	Color
Hex	E8CAA9
RGB	232, 202, 169
RGB Percent	91%, 79%, 66%
CMY	0.0908, 0.2084, 0.3378
CMYK	0.00, 0.13, 0.27, 0.09
HSL	31°, 58%, 79%
HSV	31°, 27%, 91%
XYZ	61.4646, 62.1629, 46.2261
YIQ	207.2080, 28.4730, -3.9030

Conversions

Conversions Part 2

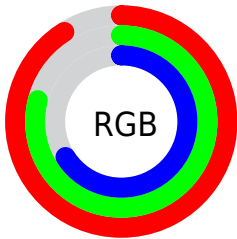
Format	Color
R _Y B	226, 232, 169
Decimal	15256233
CIE Lab	83.00, 5.66, 20.37
CIE LCh	83, 21.144, 74.485
Yxy	62.1629, 0.3619, 0.3660
Android (android.graphics.Color)	4293446313 (0xFFE8CAA9)
YUV	207.2080, -18.8365, 21.7426
Hunter-Lab	78.8435, 1.1785, 20.4286

Details

The CIELCh color **83, 21.144, 74.485** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **79, 19.843, 262.197**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 15.682, 108.992**, and **63, 21.132, 73.896** is the 20% darker color. If you saturate the color by 10%, you get **80, 29.560, 73.185**, and if you desaturate by 10%, it is **86, 13.074, 75.775**.

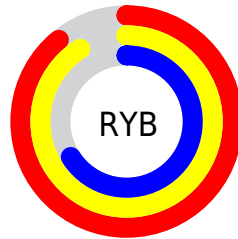
Distribution



Red (91%)

Green (79%)

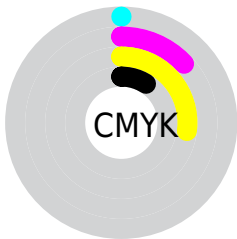
Blue (66%)



Red (89%)

Yellow (91%)

Blue (66%)

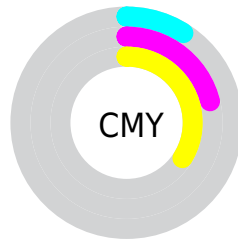


Cyan (0%)

Magenta (13%)

Yellow (27%)

Black (9%)



Cyan (9%)

Magenta (21%)

Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 21.144, 74.485 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, 21.144, 74.485 by changing the saturation by 10% instead.

 83, 21.144, 74.485

 83, 21.144, 74.485

 100, 21.144,
74.485

 73, 21.144, 74.485

 63, 21.144, 74.485

 53, 21.144, 74.485

 43, 21.144, 74.485

 33, 21.144, 74.485

 23, 21.144, 74.485

 13, 21.144, 74.485

 3, 21.144, 74.485

 0, 21.144, 74.485

83, 21.144, 74.485

83, 21.144, 74.485

80, 29.560, 73.185

86, 13.074, 75.775

77, 38.299, 71.855

90, 5.340, 77.001

74, 47.277, 70.492

93, 2.079, 258.499

71, 56.288, 69.056

96, 6.608, 243.523

68, 64.905, 67.449

98, 7.905, 198.989

66, 72.336, 65.468

63, 77.532, 62.798

62, 78.795, 62.009

Harmonies

Complementary

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



83, 21.144, 74.485



79, 19.843, 262.197

Rectangle

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



83, 21.144, 74.485



83, 21.144, 124.485



83, 21.144, 254.485



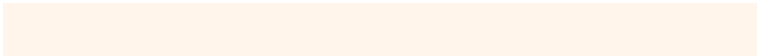
83, 21.144, 304.485

Sweetspot

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



83, 21.144, 74.493



97, 6.451, 76.899



76, 28.402, 347.102



51, 4.600, 76.719



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, 21.144, 74.493



88, 28.109, 73.710



91, 32.247, 108.266



46, 4.218, 76.732



49, 64.600, 62.697



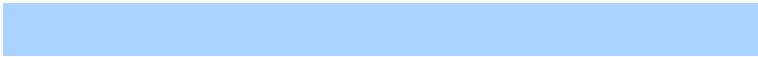
12, 20.951, 63.248

Inverse Universe

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



79, 19.843, 262.197



83, 25.965, 263.417



71, 34.426, 294.018



46, 4.140, 259.272



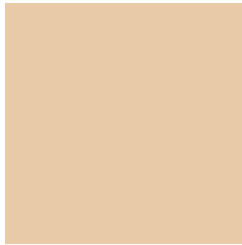
37, 57.799, 286.211



8, 20.614, 277.771

Previews

White Background



This preview shows how the CIELCh color 83, 21.144, 74.485 looks on a white background.

Color Contrast Check

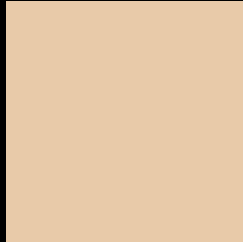
Large Text (above 18pt) WCAG AA × Fail

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, 21.144, 74.485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

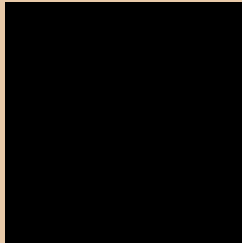
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 21.144, 74.485

Background



This preview shows how black text looks on a background with the CIELCh color 83, 21.144, 74.485.



This preview shows how white text looks on a background with the CIELCh color 83, 21.144, 74.485.

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, 21.144, 74.485

Protanopia

83, 19.087, 93.114

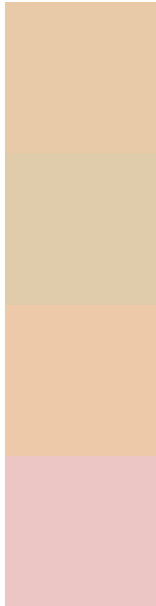
Deuteranopia

83, 22.893, 63.390



Tritanopia
83, 17.046, 353.231

Trichromacy



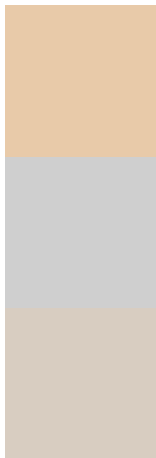
Original Color
83, 21.144, 74.485

Protanomaly
83, 19.575, 84.918

Deuteranomaly
83, 22.120, 67.137

Tritanomaly
83, 14.053, 24.716

Monochromacy



Original Color
83, 21.144, 74.485

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 7.536, 76.367

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 21.144, 74.485 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(232, 202, 169)` looks like.

```
.text, #text, p{  
    color:rgb(232, 202, 169)  
}
```

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(232, 202, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 202, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 21.144, 74.485 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(232, 202, 169) }
```

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

```
.border{ border-color:rgb(232, 202, 169) }
```

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

Here you see how a box with a 4 pixel rgb(232, 202, 169) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 202, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 202, 169);  
box-shadow:4px 4px 4px 4px rgb(232, 202,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 21.144, 74.485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 202, 169) }
```

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

```
.background{ background-color: rgb(232,  
202, 169) }
```

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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