

Converting Colors

CIELCh(83, 24.091, 87.510)

Have a look what the booklet for
CIELCh(83, 24.091, 87.510) contains.

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Color

CIELCh(83, 24.125, 87.897)

Conversions

Conversions Part 1

Format	Color
Hex	E2CDA2
RGB	226, 205, 162
RGB Percent	89%, 80%, 64%
CMY	0.1154, 0.1977, 0.3662
CMYK	0.00, 0.09, 0.28, 0.12
HSL	40°, 52%, 76%
HSV	40°, 28%, 88%
XYZ	59.4525, 62.1629, 42.8649
YIQ	206.3770, 26.3190, -8.9210

Conversions

Conversions Part 2

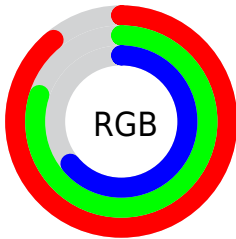
Format	Color
RYB	193, 226, 162
Decimal	14863778
CIELab	83.00, 0.89, 24.11
CIELCh	83, 24.125, 87.897
Yxy	62.1629, 0.3615, 0.3779
Android (android.graphics.Color)	4293053858 (0xFFE2CDA2)
YUV	206.3770, -21.8779, 17.2094
Hunter-Lab	78.8435, -3.3768, 22.9562

Details

The CIELCh color **83, 24.125, 87.897** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **74, 24.019, 275.882**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 19.210, 108.724**, and **63, 24.216, 87.967** is the 20% darker color. If you saturate the color by 10%, you get **81, 32.917, 86.545**, and if you desaturate by 10%, it is **85, 15.463, 89.219**.

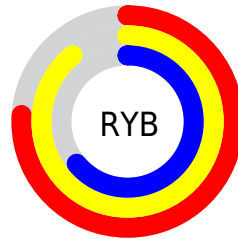
Distribution



Red (89%)

Green (80%)

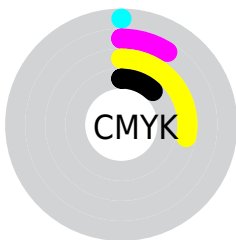
Blue (64%)



Red (76%)

Yellow (89%)

Blue (64%)

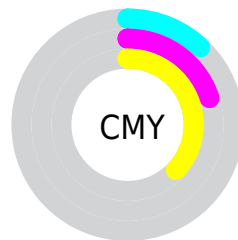


Cyan (0%)

Magenta (9%)

Yellow (28%)

Black (12%)



Cyan (12%)

Magenta (20%)

Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 24.125, 87.897 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, 24.125, 87.897 by changing the saturation by 10% instead.

 83, 24.125, 87.897

 83, 24.125, 87.897

 100, 24.125,
87.897

 73, 24.125, 87.897

 63, 24.125, 87.897

 53, 24.125, 87.897

 43, 24.125, 87.897

 33, 24.125, 87.897

 23, 24.125, 87.897

 13, 24.125, 87.897

 3, 24.125, 87.897

 0, 24.125, 87.897

83, 24.125, 87.897

83, 24.125, 87.897

81, 32.917, 86.545

85, 15.463, 89.219

79, 41.753, 85.144

88, 6.962, 90.478

76, 50.473, 83.692

90, 1.365, 271.940

74, 58.767, 82.160

93, 9.521, 272.961

72, 66.101, 80.483

95, 8.677, 252.007

70, 71.673, 78.531

96, 8.449, 220.426

69, 74.807, 76.148

98, 9.982, 198.841

68, 75.237, 75.747

Harmonies

Complementary

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



83, 24.125, 87.897



74, 24.019, 275.882

Rectangle

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



83, 24.125, 87.897



83, 24.125, 137.897



83, 24.125, 267.897



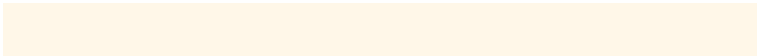
83, 24.125, 317.897

Sweetspot

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



83, 24.126, 87.903



98, 8.288, 90.393



73, 26.833, 356.745



52, 5.769, 90.213



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, 24.126, 87.903



91, 32.120, 87.110



88, 33.187, 114.639



46, 4.716, 90.346



54, 62.511, 76.256



14, 20.878, 79.108

Inverse Universe

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



74, 24.019, 275.882



79, 31.967, 277.041



69, 35.411, 299.204



44, 4.718, 272.816



30, 74.402, 296.766



5, 24.209, 286.816

Previews

White Background



This preview shows how the CIELCh color 83, 24.125, 87.897 looks on a white background.

Color Contrast Check

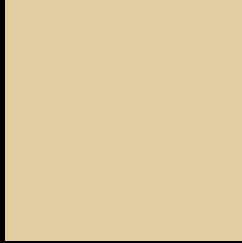
Large Text (above 18pt) WCAG AA × Fail

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, 24.125, 87.897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

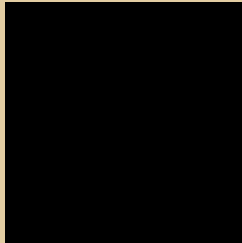
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 83, 24.125, 87.897

Background



This preview shows how black text looks on a background with the CIELCh color 83, 24.125, 87.897.



This preview shows how white text looks on a background with the CIELCh color 83, 24.125, 87.897.

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, 24.125, 87.897

Protanopia

83, 23.761, 94.619

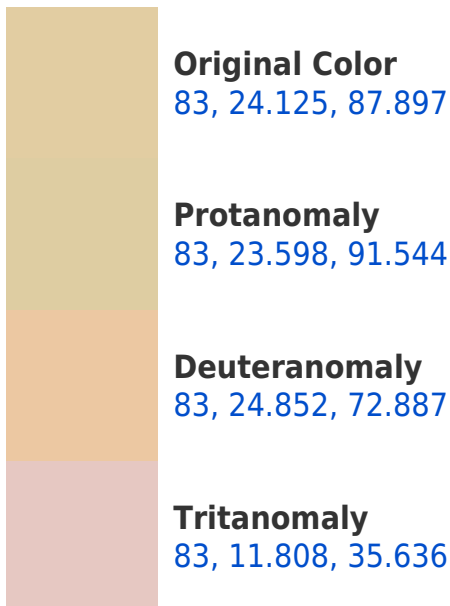
Deuteranopia

83, 25.792, 65.294



Tritanopia
83, 14.767, 348.251

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 24.125, 87.897 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(226, 205, 162)` looks like.

```
.text, #text, p{  
    color:rgb(226, 205, 162)  
}
```

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(226, 205, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 205, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 24.125, 87.897 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(226, 205, 162) }
```

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

```
.border{ border-color:rgb(226, 205, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 205, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 205, 162); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 205, 162); box-shadow:4px 4px 4px 4px rgb(226, 205, 162) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 24.125, 87.897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 205, 162) }
```

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

```
.background{ background-color: rgb(226,  
205, 162) }
```

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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