

Converting Colors

CIELCh(83, 27.324, 91.228)

Have a look what the booklet for
CIELCh(83, 27.324, 91.228) contains.

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Color

CIELCh(83, 27.474, 90.830)

Conversions

Conversions Part 1

Format	Color
Hex	E1CD9B
RGB	225, 205, 155
RGB Percent	88%, 80%, 61%
CMY	0.1169, 0.1953, 0.3914
CMYK	0.00, 0.09, 0.31, 0.12
HSL	43°, 54%, 75%
HSV	43°, 31%, 88%
XYZ	58.9189, 62.1629, 39.9823
YIQ	205.2800, 27.9700, -11.3100

Conversions

Conversions Part 2

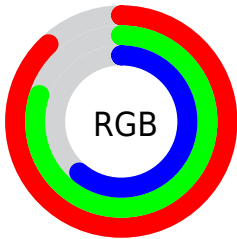
Format	Color
RYB	183, 225, 155
Decimal	14798235
CIELab	83.00, -0.40, 27.47
CIElCh	83, 27.474, 90.830
Yxy	62.1629, 0.3658, 0.3860
Android (android.graphics.Color)	4292988315 (0xFFE1CD9B)
YUV	205.2800, -24.7880, 17.2944
Hunter-Lab	78.8435, -4.5850, 25.1239

Details

The CIELCh color $83, 27.474, 90.830$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $72, 27.773, 279.483$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 22.729, 108.455$, and $63, 27.732, 90.845$ is the 20% darker color. If you saturate the color by 10%, you get $81, 36.490, 89.502$, and if you desaturate by 10%, it is $85, 18.510, 92.131$.

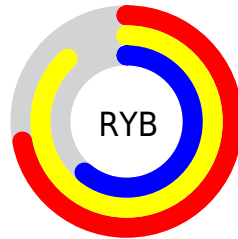
Distribution



Red (88%)

Green (80%)

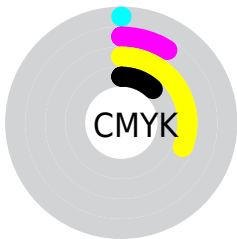
Blue (61%)



Red (72%)

Yellow (88%)

Blue (61%)

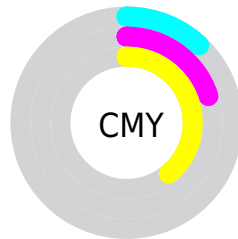


Cyan (0%)

Magenta (9%)

Yellow (31%)

Black (12%)



Cyan (12%)

Magenta (20%)

Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 27.474, 90.830 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, 27.474, 90.830 by changing the saturation by 10% instead.

 83, 27.474, 90.830

 83, 27.474, 90.830

 100, 27.474,
90.830

 73, 27.474, 90.830

 63, 27.474, 90.830

 53, 27.474, 90.830

 43, 27.474, 90.830

 33, 27.474, 90.830

 23, 27.474, 90.830

 13, 27.474, 90.830

 3, 27.474, 90.830

 0, 27.474, 90.830

83, 27.474, 90.830

83, 27.474, 90.830

81, 36.490, 89.502

85, 18.510, 92.131

79, 45.439, 88.130

87, 9.654, 93.380

77, 54.104, 86.712

89, 0.932, 94.375

75, 62.102, 85.220

92, 7.647, 275.818

74, 68.812, 83.594

93, 9.901, 266.313

72, 73.415, 81.719

95, 8.437, 242.298

71, 75.555, 79.779

97, 8.777, 215.171

98, 10.109,
198.833

Harmonies

Complementary

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



83, 27.474, 90.830



72, 27.773, 279.483

Rectangle

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



83, 27.474, 90.830



83, 27.474, 140.830



83, 27.474, 270.830



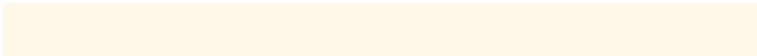
83, 27.474, 320.830

Sweetspot

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



83, 27.475, 90.836



98, 8.650, 93.625



71, 29.087, 359.446



52, 6.019, 93.448



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, 27.475, 90.836



91, 36.286, 90.017



87, 36.405, 115.857



46, 4.921, 93.579



56, 62.892, 80.215



15, 21.515, 83.269

Inverse Universe

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



72, 27.773, 279.483



76, 36.816, 280.723



68, 39.053, 300.607



44, 4.944, 275.980



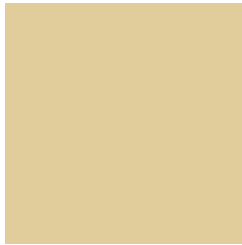
28, 79.277, 298.925



5, 25.323, 288.572

Previews

White Background



This preview shows how the CIELCh color 83, 27.474, 90.830 looks on a white background.

Color Contrast Check

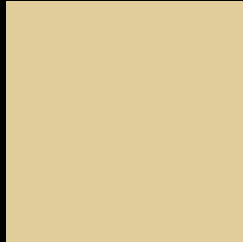
Large Text (above 18pt) WCAG AA × Fail

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, 27.474, 90.830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

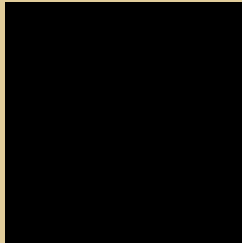
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

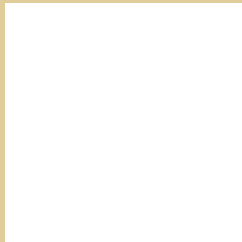
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 27.474, 90.830

Background



This preview shows how black text looks on a background with the CIELCh color 83, 27.474, 90.830.



This preview shows how white text looks on a background with the CIELCh color 83, 27.474, 90.830.

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, 27.474, 90.830

Protanopia

83, 26.904, 94.956

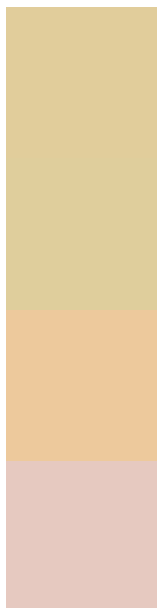
Deuteranopia

83, 28.560, 68.561



Tritanopia
83, 14.767, 348.251

Trichromacy



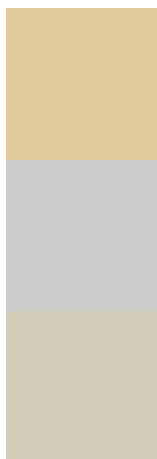
Original Color
83, 27.474, 90.830

Protanomaly
83, 27.104, 93.295

Deuteranomaly
83, 27.980, 76.703

Tritanomaly
83, 12.021, 43.226

Monochromacy



Original Color
83, 27.474, 90.830

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 9.837, 93.713

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 27.474, 90.830 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(225, 205, 155)` looks like.

```
.text, #text, p{  
    color:rgb(225, 205, 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(225, 205, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 205, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 27.474, 90.830 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(225, 205, 155) }
```

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

```
.border{ border-color:rgb(225, 205, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 205, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 205, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 205, 155);  
box-shadow:4px 4px 4px 4px rgb(225, 205,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 27.474, 90.830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 205, 155) }
```

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

```
.background{ background-color: rgb(225,  
205, 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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