

Converting Colors

CIELCh(83, 15.416, 92.342)

Have a look what the booklet for
CIELCh(83, 15.416, 92.342) contains.

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Color

CIELCh(83, 15.323, 92.798)

Conversions

Conversions Part 1

Format	Color
Hex	D9CEB2
RGB	217, 206, 178
RGB Percent	85%, 81%, 70%
CMY	0.1487, 0.1918, 0.3016
CMYK	0.00, 0.05, 0.18, 0.15
HSL	43°, 34%, 77%
HSV	43°, 18%, 85%
XYZ	58.7739, 62.1629, 51.0619
YIQ	206.0970, 15.5440, -6.3760

Conversions

Conversions Part 2

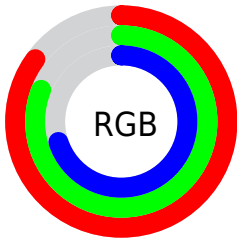
Format	Color
RYB	193, 217, 178
Decimal	14274226
CIELab	83.00, -0.75, 15.30
CIELCh	83, 15.323, 92.798
Yxy	62.1629, 0.3417, 0.3614
Android (android.graphics.Color)	4292464306 (0xFFD9CEB2)
YUV	206.0970, -13.8518, 9.5619
Hunter-Lab	78.8435, -4.9133, 16.7921

Details

The CIELCh color $83, 15.323, 92.798$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $77, 15.424, 277.471$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 10.630, 109.373$, and $63, 15.575, 93.098$ is the 20% darker color. If you saturate the color by 10%, you get $81, 24.023, 91.530$, and if you desaturate by 10%, it is $85, 6.737, 94.029$.

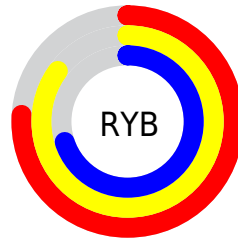
Distribution



Red (85%)

Green (81%)

Blue (70%)



Red (76%)

Yellow (85%)

Blue (70%)

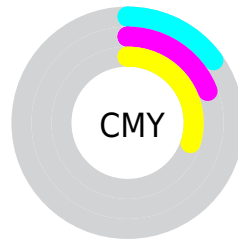


Cyan (0%)

Magenta (5%)

Yellow (18%)

Black (15%)



Cyan (15%)

Magenta (19%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 15.323, 92.798 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, 15.323, 92.798 by changing the saturation by 10% instead.

■ 83, 15.323, 92.798

■ 83, 15.323, 92.798

■ 100, 15.323,
92.798

■ 73, 15.323, 92.798

■ 63, 15.323, 92.798

■ 53, 15.323, 92.798

■ 43, 15.323, 92.798

■ 33, 15.323, 92.798

■ 23, 15.323, 92.798

■ 13, 15.323, 92.798

■ 3, 15.323, 92.798

■ 0, 15.323, 92.798

83, 15.323, 92.798

83, 15.323, 92.798

81, 24.023, 91.530

85, 6.737, 94.029

79, 32.788, 90.215

87, 1.718, 275.386

77, 41.528, 88.863

89, 10.038,
276.428

75, 50.067, 87.470

91, 13.341,
271.392

74, 58.094, 86.017

72, 65.086, 84.458

93, 11.378,
255.608

70, 70.297, 82.701

94, 10.542,
235.636

69, 73.108, 80.624

68, 73.564, 80.191

96, 11.066,
215.210

97, 12.745,
198.655

Harmonies

Complementary

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



83, 15.323, 92.798



77, 15.424, 277.471

Rectangle

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



83, 15.323, 92.798



83, 15.323, 142.798



83, 15.323, 272.798



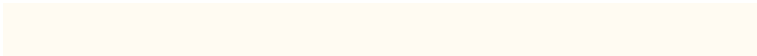
83, 15.323, 322.798

Sweetspot

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



83, 15.324, 92.806



99, 4.804, 94.364



76, 15.857, 358.918



53, 3.280, 94.285



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, 15.324, 92.806



95, 21.450, 92.271



85, 20.597, 117.444



45, 4.848, 93.854



56, 62.270, 80.590



14, 20.255, 83.749

Inverse Universe

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



77, 15.424, 277.471



86, 21.621, 278.148



74, 21.390, 299.958



43, 4.871, 276.242



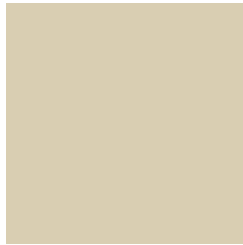
27, 78.754, 299.064



4, 23.847, 287.540

Previews

White Background



This preview shows how the CIELCh color 83, 15.323, 92.798 looks on a white background.

Color Contrast Check

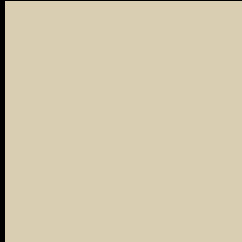
Large Text (above 18pt) WCAG AA × Fail

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, 15.323, 92.798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

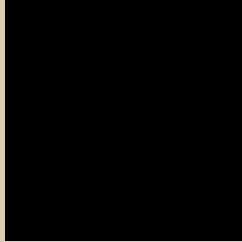
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

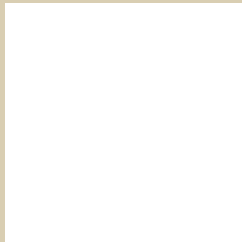
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 15.323, 92.798

Background



This preview shows how black text looks on a background with the CIELCh color 83, 15.323, 92.798.



This preview shows how white text looks on a background with the CIELCh color 83, 15.323, 92.798.

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, 15.323, 92.798

Protanopia

83, 15.323, 92.798

Deuteranopia

83, 17.985, 55.831



Tritanopia
83, 11.025, 334.321

Trichromacy



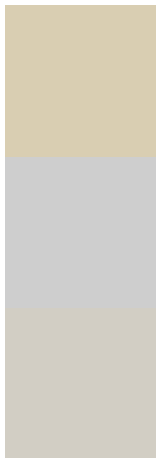
Original Color
83, 15.323, 92.798

Protanomaly
83, 15.323, 92.798

Deuteranomaly
83, 16.085, 68.388

Tritanomaly
83, 6.319, 24.563

Monochromacy



Original Color
83, 15.323, 92.798

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 5.460, 93.908

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 15.323, 92.798 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(217, 206, 178)` looks like.

```
.text, #text, p{  
    color:rgb(217, 206, 178)  
}
```

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(217, 206, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 206, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 15.323, 92.798 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(217, 206, 178) }
```

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

```
.border{ border-color:rgb(217, 206, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 206, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 206, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 206, 178);  
box-shadow:4px 4px 4px 4px rgb(217, 206,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 15.323, 92.798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 206, 178) }
```

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

```
.background{ background-color: rgb(217,  
206, 178) }
```

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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