

Converting Colors

CIELCh(83, 30.105, 94.411)

Have a look what the booklet for
CIELCh(83, 30.105, 94.411) contains.

CIELCh(83, 30.132, 94.394)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(83, 30.132, 94.394)

Conversions

Conversions Part 1

Format	Color
Hex	DFCE96
RGB	223, 206, 150
RGB Percent	87%, 81%, 59%
CMY	0.1247, 0.1914, 0.4110
CMYK	0.00, 0.08, 0.33, 0.12
HSL	46°, 53%, 73%
HSV	46°, 33%, 88%
XYZ	58.1303, 62.1629, 37.8664
YIQ	204.6990, 28.1080, -13.8120

Conversions

Conversions Part 2

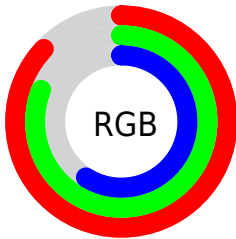
Format	Color
RYB	172, 223, 150
Decimal	14667414
CIELab	83.00, -2.31, 30.04
CIELCh	83, 30.132, 94.394
Yxy	62.1629, 0.3675, 0.3930
Android (android.graphics.Color)	4292857494 (0xFFDFCE96)
YUV	204.6990, -26.9666, 16.0500
Hunter-Lab	78.8435, -6.3704, 26.7150

Details

The CIELCh color **83, 30.132, 94.394** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **69, 31.033, 283.225**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 25.235, 108.263**, and **63, 29.972, 94.315** is the 20% darker color. If you saturate the color by 10%, you get **81, 39.376, 93.123**, and if you desaturate by 10%, it is **85, 20.851, 95.645**.

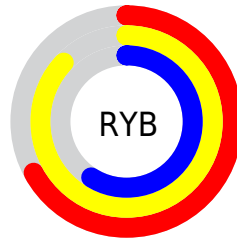
Distribution



Red (87%)

Green (81%)

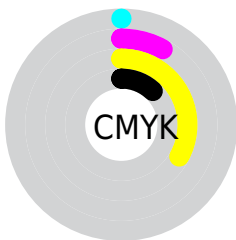
Blue (59%)



Red (67%)

Yellow (87%)

Blue (59%)

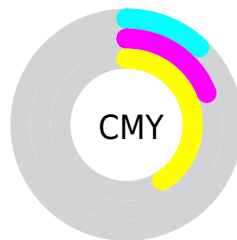


Cyan (0%)

Magenta (8%)

Yellow (33%)

Black (12%)



Cyan (12%)

Magenta (19%)

Yellow (41%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 83, 30.132, 94.394 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, 30.132, 94.394 by changing the saturation by 10% instead.

 83, 30.132, 94.394

 83, 30.132, 94.394

 100, 30.132,
94.394

 73, 30.132, 94.394

 63, 30.132, 94.394

 53, 30.132, 94.394

 43, 30.132, 94.394

 33, 30.132, 94.394

 23, 30.132, 94.394

 13, 30.132, 94.394

 3, 30.132, 94.394

 0, 30.132, 94.394

83, 30.132, 94.394

83, 30.132, 94.394

81, 39.376, 93.123

85, 20.851, 95.645

80, 48.430, 91.821

87, 11.611, 96.854

78, 57.033, 90.491

88, 2.456, 97.969

77, 64.744, 89.115

90, 6.595, 279.209

75, 70.909, 87.653

92, 12.124,
276.634

74, 74.765, 86.023

93, 10.174,
262.800

73, 76.171, 84.711

95, 9.040, 244.230

96, 9.019, 223.303

97, 10.103,
204.750

Harmonies

Complementary

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



83, 30.132, 94.394



69, 31.033, 283.225

Rectangle

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



83, 30.132, 94.394



83, 30.132, 144.394



83, 30.132, 274.394



83, 30.132, 324.394

Sweetspot

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



83, 30.133, 94.399



98, 10.159, 97.164



70, 29.839, 4.524



52, 6.937, 96.998



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, 30.133, 94.399



92, 40.060, 93.563



86, 38.347, 118.536



46, 5.198, 97.237



59, 63.855, 85.042



15, 22.460, 88.064

Inverse Universe

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



69, 31.033, 283.225



74, 41.614, 284.537



66, 41.109, 302.971



44, 5.245, 279.541



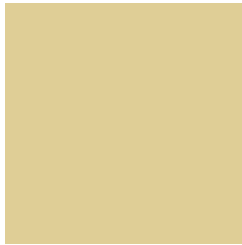
26, 85.035, 301.178



4, 26.587, 290.350

Previews

White Background



This preview shows how the CIELCh color 83, 30.132, 94.394 looks on a white background.

Color Contrast Check

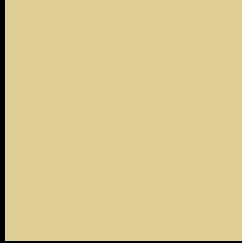
Large Text (above 18pt) WCAG AA × Fail

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, 30.132, 94.394 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

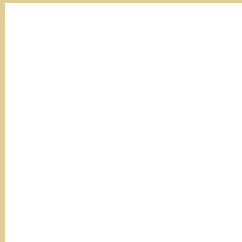
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 30.132, 94.394

Background



This preview shows how black text looks on a background with the CIELCh color 83, 30.132, 94.394.



This preview shows how white text looks on a background with the CIELCh color 83, 30.132, 94.394.

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, 30.132, 94.394

Protanopia

83, 30.428, 96.058

Deuteranopia

83, 30.974, 70.680



Tritanopia
83, 14.150, 346.568

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 30.132, 94.394 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(223, 206, 150)` looks like.

```
.text, #text, p{  
    color:rgb(223, 206, 150)  
}
```

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(223, 206, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 206, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 30.132, 94.394 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(223, 206, 150) }
```

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

```
.border{ border-color:rgb(223, 206, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 206, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 206, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 206, 150);  
box-shadow:4px 4px 4px 4px rgb(223, 206,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 30.132, 94.394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 206, 150) }
```

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

```
.background{ background-color: rgb(223,  
206, 150) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor