

Converting Colors

CIELCh(83, 32.731, 124.726)

Have a look what the booklet for
CIELCh(83, 32.731, 124.726)
contains.

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Color

CIELCh(83, 32.758, 124.720)

Conversions

Conversions Part 1

Format	Color
Hex	BED79B
RGB	190, 215, 155
RGB Percent	75%, 84%, 61%
CMY	0.2535, 0.1554, 0.3908
CMYK	0.12, 0.00, 0.28, 0.16
HSL	85°, 43%, 73%
HSV	85°, 28%, 84%
XYZ	51.6679, 62.1629, 40.4412
YIQ	200.6850, 4.3600, -23.9600

Conversions

Conversions Part 2

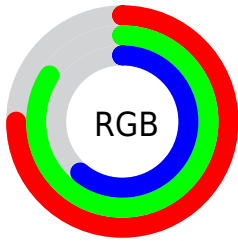
Format	Color
RYB	155, 215, 180
Decimal	12507035
CIELab	83.00, -18.66, 26.93
CIELCh	83, 32.758, 124.720
Yxy	62.1629, 0.3349, 0.4029
Android (android.graphics.Color)	4290697115 (0xFFBED79B)
YUV	200.6850, -22.5227, -9.3707
Hunter-Lab	78.8435, -21.0011, 24.7788

Details

The CIELCh color **83, 32.758, 124.720** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **68, 34.307, 307.625**, and the grayscale version is **81, 0.010, 296.813**.

A 20% lighter version of the original color is **98, 22.953, 115.872**, and **63, 32.792, 124.532** is the 20% darker color. If you saturate the color by 10%, you get **82, 44.259, 124.220**, and if you desaturate by 10%, it is **84, 21.055, 125.235**.

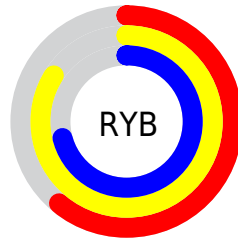
Distribution



Red (75%)

Green (84%)

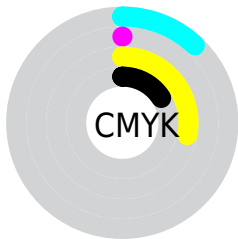
Blue (61%)



Red (61%)

Yellow (84%)

Blue (71%)

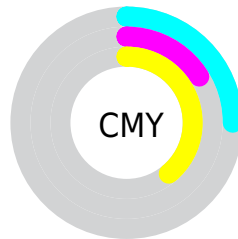


Cyan (12%)

Magenta (0%)

Yellow (28%)

Black (16%)



Cyan (25%)


Magenta (16%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 32.758, 124.720 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, 32.758, 124.720 by changing the saturation by 10% instead.


 83, 32.758,
124.720


 83, 32.758,
124.720


 100, 32.758,
124.720


 73, 32.758,
124.720

 63, 32.758,
124.720

 53, 32.758,
124.720

 43, 32.758,
124.720

 33, 32.758,
124.720

 23, 32.758,
124.720

 13, 32.758,

124.720

■ 3, 32.758, 124.720

■ 0, 32.758, 124.720

■ 83, 32.758,
124.720

■ 83, 32.758,
124.720

■ 82, 44.259,
124.220

■ 84, 21.055,
125.235

■ 81, 55.375,
123.763

■ 85, 9.267, 125.740

■ 80, 65.844,
123.408

■ 86, 2.519, 306.167

■ 80, 75.293,
123.238

■ 88, 14.244,
306.642

■ 79, 83.234,

■ 89, 21.866,
309.828

123.367

90, 23.002,
317.264

79, 89.166,
123.917

90, 24.485,
324.015

78, 92.897,
124.947

90, 24.822,
325.289

78, 93.565,
125.183

Harmonies

Complementary

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



83, 32.758, 124.720



68, 34.307, 307.625

Rectangle

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



83, 32.758, 124.720



83, 32.758, 174.720



83, 32.758, 304.720



83, 32.758, 354.720

Sweetspot

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



83, 32.760, 124.722



99, 10.806, 125.730



76, 19.612, 62.937



53, 7.682, 125.653



0, 0.000, 0.000



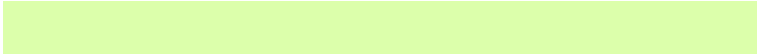
53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



83, 32.760, 124.722



96, 44.370, 124.445



81, 37.802, 140.487



45, 6.657, 125.662



63, 78.557, 124.922



15, 27.014, 125.771

Inverse Universe

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



68, 34.307, 307.625



76, 46.941, 307.969



71, 37.980, 323.549



42, 6.763, 306.563



25, 94.013, 310.233



3, 28.506, 305.298

Previews

White Background



This preview shows how the CIELCh color 83, 32.758, 124.720 looks on a white background.

Color Contrast Check

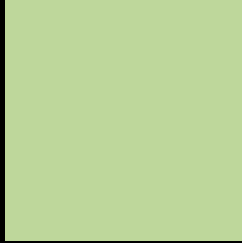
Large Text (above 18pt) WCAG AA × Fail

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, 32.758, 124.720 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, 32.758, 124.720

Background



This preview shows how black text looks on a background with the CIELCh color 83, 32.758, 124.720.

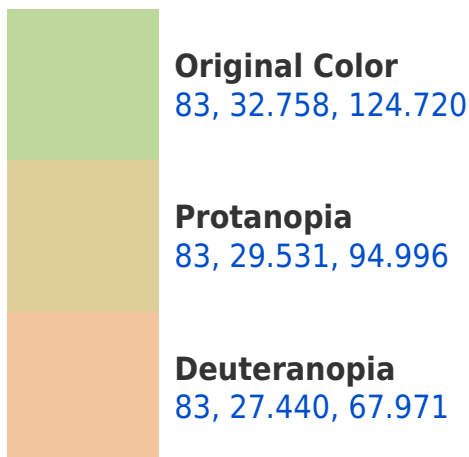


This preview shows how white text looks on a background with the CIELCh color 83, 32.758, 124.720.

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](#).

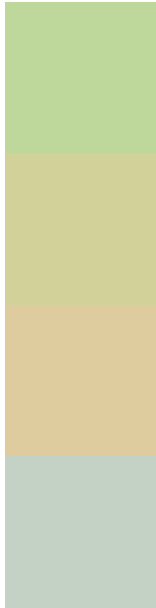
Dichromacy





Tritanopia
83, 8.757, 274.738

Trichromacy



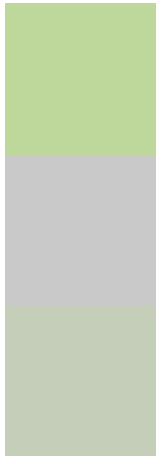
Original Color
83, 32.758, 124.720

Protanomaly
83, 29.241, 106.811

Deuteranomaly
83, 25.371, 90.594

Tritanomaly
83, 8.183, 148.240

Monochromacy



Original Color
83, 32.758, 124.720

Achromatopsia
81, 0.010, 296.813

Achromatomaly
82, 12.118, 125.321

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 32.758, 124.720 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(190, 215, 155)` looks like.

```
.text, #text, p{  
    color:rgb(190, 215, 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(190, 215, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 215, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 32.758, 124.720 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(190, 215, 155) }
```

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

```
.border{ border-color:rgb(190, 215, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 215, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 215, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 215, 155);  
box-shadow:4px 4px 4px 4px rgb(190, 215,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 32.758, 124.720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 215, 155) }
```

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

```
.background{ background-color: rgb(190,  
215, 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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