

Converting Colors

CIELCh(83, 13.067, 142.655)

Have a look what the booklet for
CIELCh(83, 13.067, 142.655)
contains.

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Color

CIELCh(83, 12.916, 143.908)

Conversions

Conversions Part 1

Format	Color
Hex	C0D4C0
RGB	192, 212, 192
RGB Percent	75%, 83%, 75%
CMY	0.2467, 0.1682, 0.2467
CMYK	0.09, 0.00, 0.09, 0.17
HSL	120°, 19%, 79%
HSV	120°, 9%, 83%
XYZ	54.8539, 62.1629, 59.0311
YIQ	203.7400, -5.5000, -10.4600

Conversions

Conversions Part 2

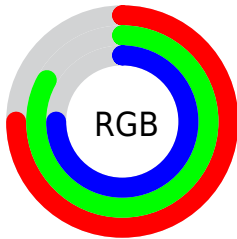
Format	Color
RYB	192, 212, 212
Decimal	12637376
CIELab	83.00, -10.44, 7.61
CIELCh	83, 12.916, 143.908
Yxy	62.1629, 0.3116, 0.3531
Android (android.graphics.Color)	4290827456 (0xFFC0D4C0)
YUV	203.7400, -5.7878, -10.2960
Hunter-Lab	78.8435, -13.7881, 10.7993

Details

The CIELCh color $83, 12.916, 143.908$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $80, 12.937, 324.938$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 4.337, 144.359$, and $63, 12.534, 145.177$ is the 20% darker color. If you saturate the color by 10%, you get $81, 26.737, 143.207$, and if you desaturate by 10%, it is $85, 0.782, 324.128$.

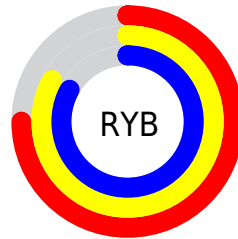
Distribution



Red (75%)

Green (83%)

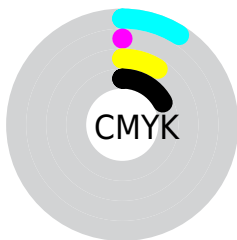
Blue (75%)



Red (75%)

Yellow (83%)

Blue (83%)

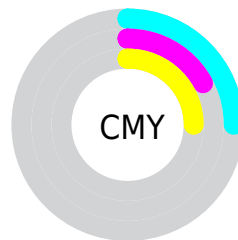


Cyan (9%)

Magenta (0%)

Yellow (9%)

Black (17%)



Cyan (25%)


Magenta (17%)

Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 83, 12.916, 143.908 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, 12.916, 143.908 by changing the saturation by 10% instead.


 83, 12.916,
143.908


 83, 12.916,
143.908


 100, 12.916,
143.908


 73, 12.916,
143.908

 63, 12.916,
143.908

 53, 12.916,
143.908

 43, 12.916,
143.908

 33, 12.916,
143.908

 23, 12.916,
143.908

 13, 12.916,

143.908

■ 3, 12.916, 143.908

■ 0, 12.916, 143.908

■ 83, 12.916,
143.908

■ 83, 12.916,
143.908

■ 81, 26.737,
143.207

■ 85, 0.782, 324.128

■ 79, 40.483,
142.396

■ 87, 14.226,
324.948

■ 78, 53.894,
141.462

■ 90, 26.886,
325.361

■ 77, 66.632,
140.415

■ 76, 78.273,

139.289

■ 75, 88.313,
138.162

■ 75, 96.195,
137.159

■ 74, 101.431,
136.430

■ 74, 104.109,
136.035

Harmonies

Complementary

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



83, 12.916, 143.908



80, 12.937, 324.938

Rectangle

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



83, 12.916, 143.908



83, 12.916, 193.908



83, 12.916, 323.908



83, 12.916, 13.908

Sweetspot

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



83, 12.918, 143.908



99, 4.742, 144.339



84, 10.483, 109.267



53, 3.599, 144.278



0, 0.000, 0.000



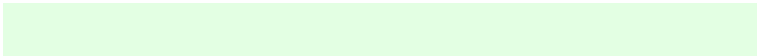
53, 0.007, 296.813

Same Dimension

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



83, 12.918, 143.908



97, 17.514, 143.797



83, 9.002, 162.910



44, 7.836, 143.909



61, 88.725, 136.016



14, 32.164, 141.114

Inverse Universe

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



80, 12.937, 324.938



93, 17.537, 325.033



80, 9.117, 344.392



42, 7.847, 324.937



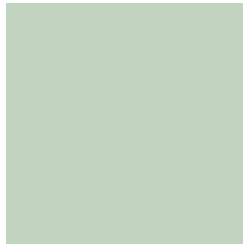
41, 85.604, 328.234



6, 32.951, 328.044

Previews

White Background



This preview shows how the CIELCh color 83, 12.916, 143.908 looks on a white background.

Color Contrast Check

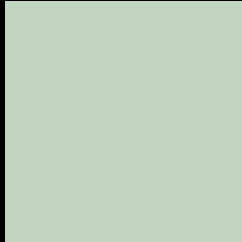
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 83, 12.916, 143.908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

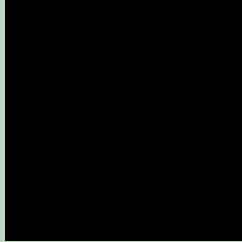
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

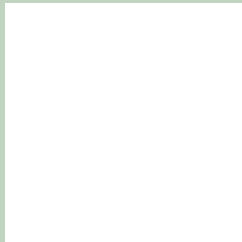
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 83, 12.916, 143.908

Background



This preview shows how black text looks on a background with the CIELCh color 83, 12.916, 143.908.



This preview shows how white text looks on a background with the CIELCh color 83, 12.916, 143.908.

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](#).

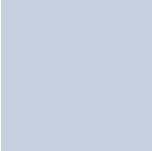
Dichromacy



Original Color
83, 12.916, 143.908

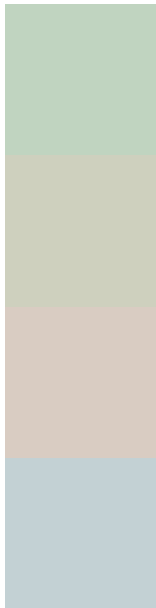
Protanopia
83, 9.433, 90.706

Deuteranopia
83, 12.298, 30.086



Tritanopia
83, 9.564, 269.716

Trichromacy



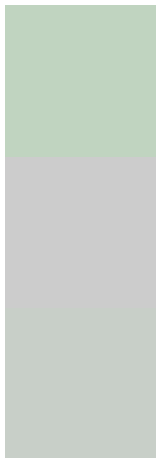
Original Color
83, 12.916, 143.908

Protanomaly
83, 9.506, 113.857

Deuteranomaly
83, 7.167, 66.810

Tritanomaly
83, 5.182, 217.025

Monochromacy



Original Color
83, 12.916, 143.908

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 4.515, 144.311

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 83, 12.916, 143.908 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(192, 212, 192)` looks like.

```
.text, #text, p{  
    color:rgb(192, 212, 192)  
}
```

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(192, 212, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 212, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 83, 12.916, 143.908 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(192, 212, 192) }
```

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

```
.border{ border-color:rgb(192, 212, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 212, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 212, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 212, 192);  
box-shadow:4px 4px 4px 4px rgb(192, 212,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 83, 12.916, 143.908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 212, 192) }
```

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

```
.background{ background-color: rgb(192,  
212, 192) }
```

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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