

Converting Colors

CIELCh(91, 15.539, 143.840)

Have a look what the booklet for
CIELCh(91, 15.539, 143.840)
contains.

CIELCh(91, 15.836, 143.826)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(91, 15.836, 143.826)

Conversions

Conversions Part 1

Format	Color
Hex	D3ECD3
RGB	211, 236, 211
RGB Percent	83%, 93%, 83%
CMY	0.1728, 0.0748, 0.1728
CMYK	0.11, 0.00, 0.11, 0.07
HSL	120°, 40%, 88%
HSV	120°, 11%, 93%
XYZ	68.5636, 78.4833, 73.1130
YIQ	225.6750, -6.8750, -13.0750

Conversions

Conversions Part 2

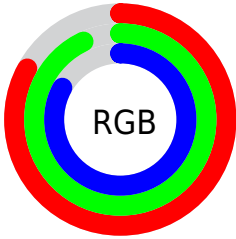
Format	Color
R_{YB}	211, 236, 236
Decimal	13888723
CIE Lab	91.00, -12.78, 9.35
CIE LCh	91, 15.836, 143.826
Yxy	78.4833, 0.3114, 0.3565
Android (android.graphics.Color)	4292078803 (0xFFD3ECD3)
YUV	225.6750, -7.2348, -12.8700
Hunter-Lab	88.5908, -16.8863, 13.0822

Details

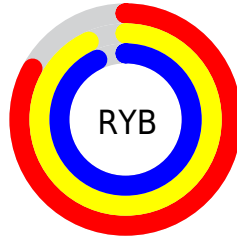
The CIELCh color **91, 15.836, 143.826** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **87, 15.860, 325.007**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 16.016, 143.655** is the 20% darker color. If you saturate the color by 10%, you get **89, 30.908, 143.108**, and if you desaturate by 10%, it is **93, 0.877, 144.742**.

Distribution



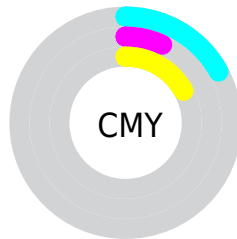
- Red (83%)
- Green (93%)
- Blue (83%)



- Red (83%)
- Yellow (93%)
- Blue (93%)



- Cyan (11%)
- Magenta (0%)
- Yellow (11%)
- Black (7%)





- Cyan (17%)
- Magenta (7%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 15.836, 143.826 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 91, 15.836, 143.826 by changing the saturation by 10% instead.


 91, 15.836,
143.826


 91, 15.836,
143.826


 100, 15.836,
143.826


 81, 15.836,
143.826


 71, 15.836,
143.826

 61, 15.836,
143.826

 51, 15.836,
143.826

 41, 15.836,
143.826

 31, 15.836,
143.826

 21, 15.836,

143.826

■ 11, 15.836,
143.826

■ 1, 15.836, 143.826

■ 91, 15.836,
143.826

■ 91, 15.836,
143.826

■ 89, 30.908,
143.108

■ 93, 0.877, 144.742

■ 87, 45.865,
142.276

■ 95, 11.900,
324.829

■ 86, 60.408,
141.320

■ 84, 74.153,
140.251

■ 83, 86.618,
139.112

■ 83, 97.233,
137.988

■ 82, 105.383,
137.014

■ 82, 110.568,
136.339

■ 82, 112.936,
136.016

Harmonies

Complementary

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



91, 15.836, 143.826



87, 15.860, 325.007

Rectangle

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



91, 15.836, 143.826



91, 15.836, 193.826



91, 15.836, 323.826



91, 15.836, 13.826

Sweetspot

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



91, 15.838, 143.826



99, 4.742, 144.338



93, 12.840, 109.148



53, 3.599, 144.278



0, 0.000, 0.000



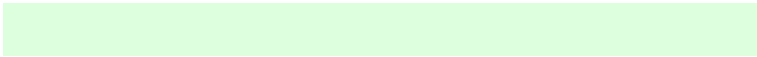
53, 0.007, 296.813

Same Dimension

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



91, 15.838, 143.826



97, 20.722, 143.659



91, 11.029, 162.796



48, 8.445, 143.902



64, 92.620, 136.016



18, 38.236, 138.276

Inverse Universe

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



87, 15.860, 325.007



92, 20.746, 325.146



87, 11.185, 344.506



46, 8.457, 324.942



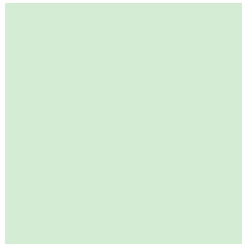
43, 89.363, 328.233



9, 38.267, 328.233

Previews

White Background



This preview shows how the CIELCh color 91, 15.836, 143.826 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 91, 15.836, 143.826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

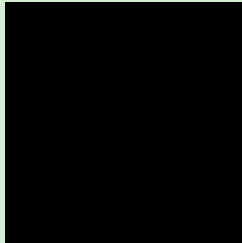
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

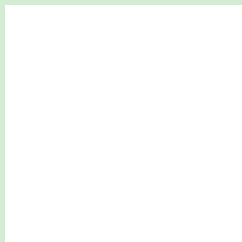
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 15.836, 143.826

Background



This preview shows how black text looks on a background with the CIELCh color 91, 15.836, 143.826.

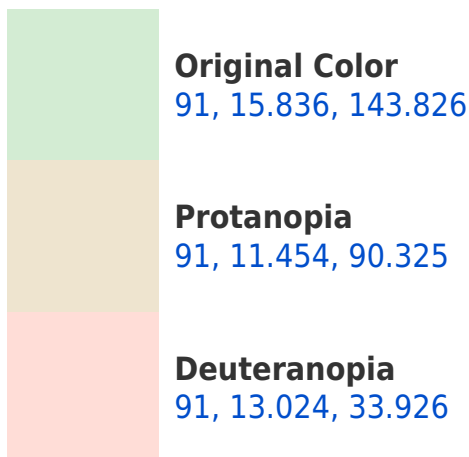


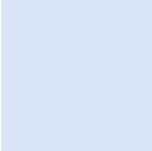
This preview shows how white text looks on a background with the CIELCh color 91, 15.836, 143.826.

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](#).

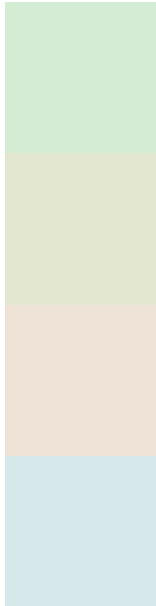
Dichromacy





Tritanopia
91, 10.701, 266.659

Trichromacy



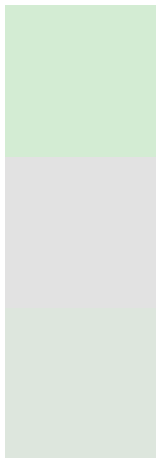
Original Color
91, 15.836, 143.826

Protanomaly
91, 11.924, 114.530

Deuteranomaly
91, 7.821, 71.913

Tritanomaly
91, 6.075, 213.988

Monochromacy



Original Color
91, 15.836, 143.826

Achromatopsia
90, 0.011, 296.813

Achromatomaly
90, 5.696, 144.271

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 15.836, 143.826 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(211, 236, 211)` looks like.

```
.text, #text, p{  
    color:rgb(211, 236, 211)  
}
```

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(211, 236, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 236, 211) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 15.836, 143.826 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(211, 236, 211) }
```

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

```
.border{ border-color:rgb(211, 236, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 236, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 236, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 236, 211);  
box-shadow:4px 4px 4px 4px rgb(211, 236,  
211) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 15.836, 143.826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 236, 211) }
```

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

```
.background{ background-color: rgb(211,  
236, 211) }
```

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