

Converting Colors

CIELCh(91, 19.294, 138.277)

Have a look what the booklet for
CIELCh(91, 19.294, 138.277)
contains.

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Color

CIELCh(91, 19.555, 137.799)

Conversions

Conversions Part 1

Format	Color
Hex	D3EDCC
RGB	211, 237, 204
RGB Percent	83%, 93%, 80%
CMY	0.1740, 0.0721, 0.2014
CMYK	0.11, 0.00, 0.14, 0.07
HSL	107°, 47%, 86%
HSV	107°, 14%, 93%
XYZ	67.7855, 78.4833, 68.4699
YIQ	225.4640, -4.9030, -15.7750

Conversions

Conversions Part 2

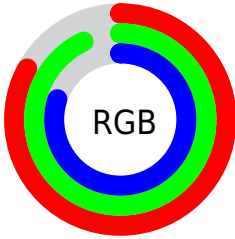
Format	Color
RYB	204, 237, 230
Decimal	13888972
CIELab	91.00, -14.49, 13.14
CIElCh	91, 19.555, 137.799
Yxy	78.4833, 0.3157, 0.3655
Android (android.graphics.Color)	4292079052 (0xFFD3EDCC)
YUV	225.4640, -10.5818, -12.6849
Hunter-Lab	88.5908, -18.4542, 16.1896

Details

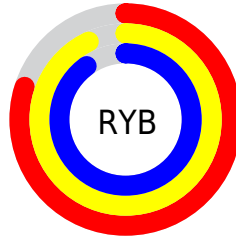
The CIELCh color **91, 19.555, 137.799** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **85, 19.706, 319.054**, and the grayscale version is **90, 0.011, 296.813**.

A 20% lighter version of the original color is **100, 0.012, 296.813**, and **71, 19.452, 138.184** is the 20% darker color. If you saturate the color by 10%, you get **89, 33.659, 137.243**, and if you desaturate by 10%, it is **93, 5.496, 138.318**.

Distribution



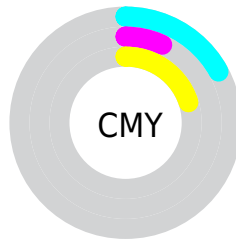
- Red (83%)
- Green (93%)
- Blue (80%)



- Red (80%)
- Yellow (93%)
- Blue (90%)



- Cyan (11%)
- Magenta (0%)
- Yellow (14%)
- Black (7%)





- Cyan (17%)
- Magenta (7%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 19.555, 137.799 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, 19.555, 137.799 by changing the saturation by 10% instead.


 91, 19.555,
137.799


 91, 19.555,
137.799


 100, 19.555,
137.799


 81, 19.555,
137.799


 71, 19.555,
137.799

 61, 19.555,
137.799

 51, 19.555,
137.799

 41, 19.555,
137.799

 31, 19.555,
137.799

 21, 19.555,

137.799

■ 11, 19.555,
137.799

■ 1, 19.555, 137.799

■ 91, 19.555,
137.799

■ 91, 19.555,
137.799

■ 89, 33.659,
137.243

■ 93, 5.496, 138.318

■ 88, 47.631,
136.628

■ 95, 8.405, 318.671

■ 86, 61.241,
135.970

■ 96, 11.464,
324.813

■ 85, 74.170,
135.306

■ 84, 85.990,
134.701

■ 84, 96.150,
134.261

■ 83, 104.035,
134.118

■ 83, 109.175,
134.376

■ 82, 111.134,
134.656

Harmonies

Complementary

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



91, 19.555, 137.799



85, 19.706, 319.054

Rectangle

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



91, 19.555, 137.799



91, 19.555, 187.799



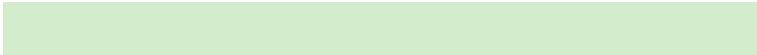
91, 19.555, 317.799



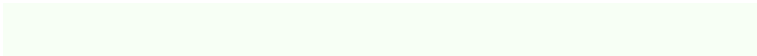
91, 19.555, 7.799

Sweetspot

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



91, 19.557, 137.800



99, 5.924, 138.314



91, 13.586, 97.749



53, 4.213, 138.273



0, 0.000, 0.000



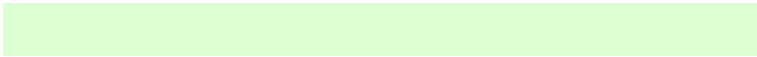
53, 0.007, 296.813

Same Dimension

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



91, 19.557, 137.800



97, 25.363, 137.632



91, 17.099, 152.639



48, 7.896, 138.032



65, 90.744, 134.491



19, 36.488, 134.764

Inverse Universe

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



85, 19.706, 319.054



89, 25.590, 319.196



85, 17.197, 334.553



46, 7.942, 318.848



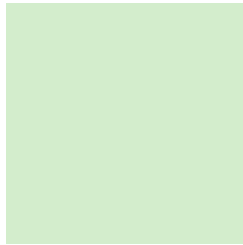
36, 91.226, 320.294



7, 38.625, 321.265

Previews

White Background



This preview shows how the CIELCh color 91, 19.555, 137.799 looks on a white background.

Color Contrast Check

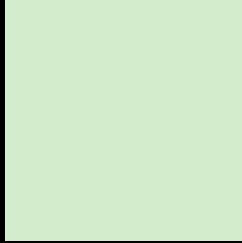
Large Text (above 18pt) WCAG AA × Fail

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, 19.555, 137.799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

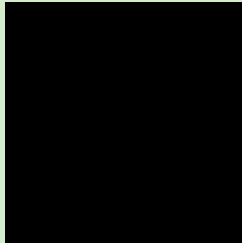
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

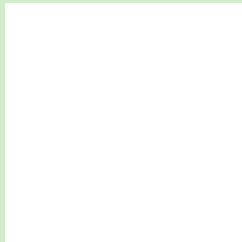
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 19.555, 137.799

Background



This preview shows how black text looks on a background with the CIELCh color 91, 19.555, 137.799.

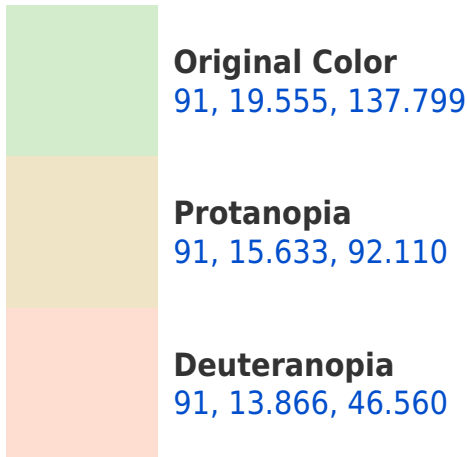


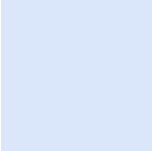
This preview shows how white text looks on a background with the CIELCh color 91, 19.555, 137.799.

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](#).

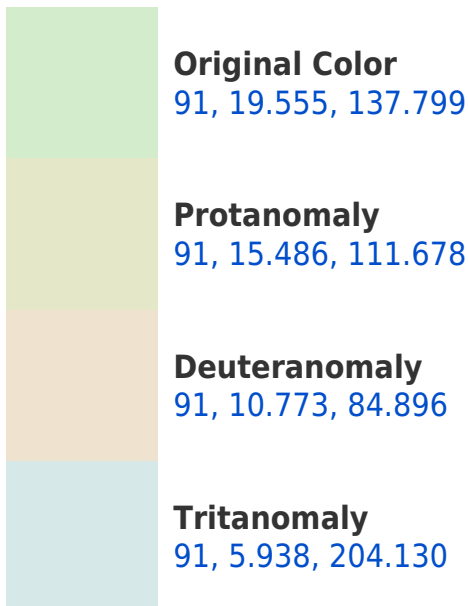
Dichromacy





Tritanopia
91, 10.576, 268.329

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 19.555, 137.799 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, 237, 204)` looks like.

```
.text, #text, p{  
    color:rgb(211, 237, 204)  
}
```

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, 237, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 237, 204) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 19.555, 137.799 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, 237, 204) }
```

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

```
.border{ border-color:rgb(211, 237, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 237, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 237, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 237, 204);  
box-shadow:4px 4px 4px 4px rgb(211, 237,  
204) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 19.555, 137.799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 237, 204) }
```

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

```
.background{ background-color: rgb(211,  
237, 204) }
```

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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