

Converting Colors

CIELCh(91, 33.556, 123.197)

Have a look what the booklet for
CIELCh(91, 33.556, 123.197)
contains.

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Color

CIELCh(91, 33.503, 123.429)

Conversions

Conversions Part 1

Format	Color
Hex	D6EEAF
RGB	214, 238, 175
RGB Percent	84%, 93%, 69%
CMY	0.1611, 0.0669, 0.3140
CMYK	0.10, 0.00, 0.26, 0.07
HSL	83°, 65%, 81%
HSV	83°, 26%, 93%
XYZ	65.9939, 78.4833, 52.1913
YIQ	223.6420, 5.9190, -24.6810

Conversions

Conversions Part 2

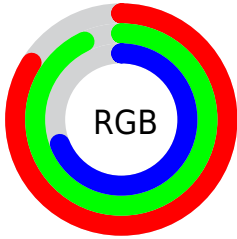
Format	Color
RYB	175, 238, 199
Decimal	14085807
CIELab	91.00, -18.46, 27.96
CIELCh	91, 33.503, 123.429
Yxy	78.4833, 0.3356, 0.3991
Android (android.graphics.Color)	4292275887 (0xFFD6EEAF)
YUV	223.6420, -23.9805, -8.4560
Hunter-Lab	88.5908, -22.0639, 27.0842

Details

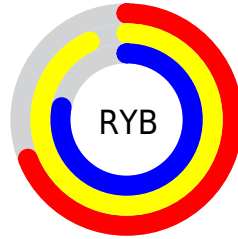
The CIELCh color **91, 33.503, 123.429** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **75, 35.109, 306.339**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 12.147, 109.259**, and **71, 33.470, 123.206** is the 20% darker color. If you saturate the color by 10%, you get **90, 45.896, 122.907**, and if you desaturate by 10%, it is **92, 20.902, 123.966**.

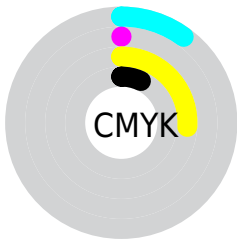
Distribution



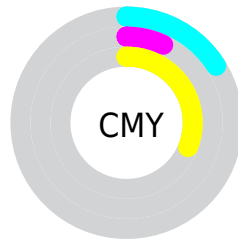
- Red (84%)
- Green (93%)
- Blue (69%)



- Red (69%)
- Yellow (93%)
- Blue (78%)



- Cyan (10%)
- Magenta (0%)
- Yellow (26%)
- Black (7%)





- Cyan (16%)
- Magenta (7%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 33.503, 123.429 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, 33.503, 123.429 by changing the saturation by 10% instead.


 91, 33.503,
123.429


 91, 33.503,
123.429


 100, 33.503,
123.429


 81, 33.503,
123.429

 71, 33.503,
123.429

 61, 33.503,
123.429

 51, 33.503,
123.429

 41, 33.503,
123.429

 31, 33.503,
123.429

 21, 33.503,

123.429

■ 11, 33.503,
123.429

■ 1, 33.503, 123.429

■ 91, 33.503,
123.429

■ 91, 33.503,
123.429

■ 90, 45.896,
122.907

■ 92, 20.902,
123.966

■ 89, 57.888,
122.426

■ 93, 8.213, 124.494

■ 88, 69.209,
122.042

■ 95, 4.475, 304.960

■ 95, 9.799, 316.566

■ 88, 79.460,
121.837

■ 96, 10.645,
324.783

■ 87, 88.120,
121.919

■ 86, 94.629,
122.412

■ 86, 98.671,
123.401

■ 86, 99.731,
123.813

Harmonies

Complementary

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



91, 33.503, 123.429



75, 35.109, 306.339

Rectangle

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



91, 33.503, 123.429



91, 33.503, 173.429



91, 33.503, 303.429



91, 33.503, 353.429

Sweetspot

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



91, 33.505, 123.431



99, 10.732, 124.412



83, 20.011, 57.438



53, 7.629, 124.333



0, 0.000, 0.000



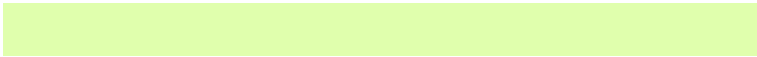
53, 0.007, 296.813

Same Dimension

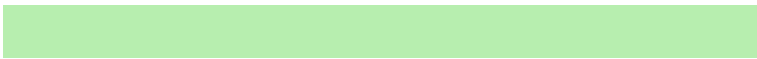
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91, 33.505, 123.431



96, 42.713, 123.132



89, 38.328, 139.270



50, 7.251, 124.336



68, 81.949, 123.548



21, 33.930, 122.476

Inverse Universe

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



75, 35.109, 306.339



76, 45.265, 306.722



78, 38.624, 322.009



46, 7.375, 305.298



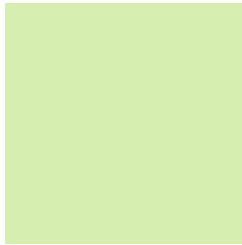
26, 99.946, 309.541



4, 39.133, 308.356

Previews

White Background



This preview shows how the CIELCh color 91, 33.503, 123.429 looks on a white background.

Color Contrast Check

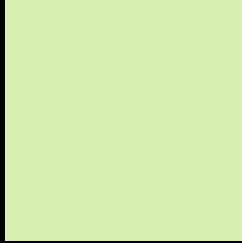
Large Text (above 18pt) WCAG AA × Fail

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 91, 33.503, 123.429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

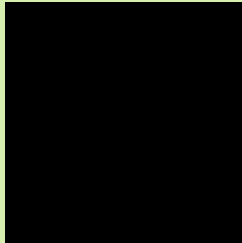
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

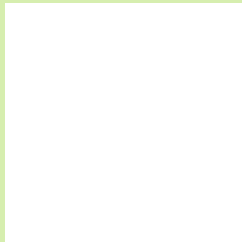
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 91, 33.503, 123.429

Background



This preview shows how black text looks on a background with the CIELCh color 91, 33.503, 123.429.

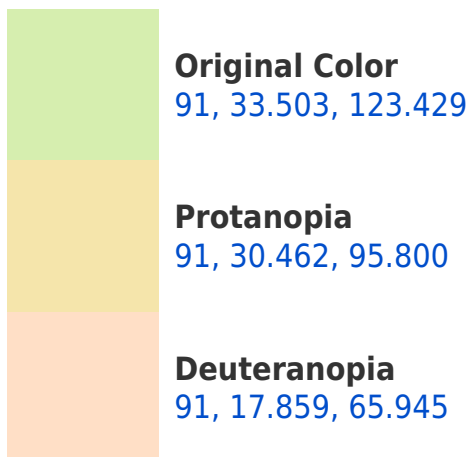


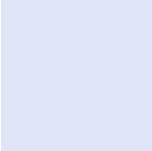
This preview shows how white text looks on a background with the CIELCh color 91, 33.503, 123.429.

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](#).

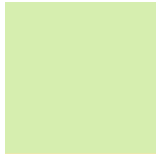
Dichromacy



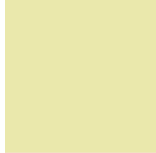


Tritanopia
91, 9.460, 280.495

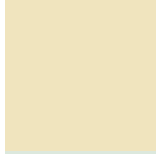
Trichromacy



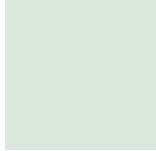
Original Color
91, 33.503, 123.429



Protanomaly
91, 30.740, 106.213

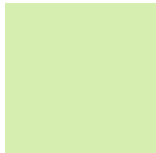


Deuteranomaly
91, 20.127, 95.385

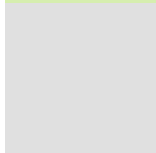


Tritanomaly
91, 7.169, 146.511

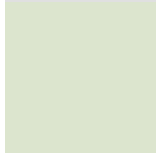
Monochromacy



Original Color
91, 33.503, 123.429



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 12.376, 124.691

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 33.503, 123.429 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(214, 238, 175)` looks like.

```
.text, #text, p{  
    color:rgb(214, 238, 175)  
}
```

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(214, 238, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 238, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 33.503, 123.429 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(214, 238, 175) }
```

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

```
.border{ border-color:rgb(214, 238, 175) }
```

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

Here you see how a box with a 4 pixel rgb(214, 238, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 238, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 238, 175);  
box-shadow:4px 4px 4px 4px rgb(214, 238,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 33.503, 123.429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 238, 175) }
```

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

```
.background{ background-color: rgb(214,  
238, 175) }
```

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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