

Converting Colors

CIELCh(91, 61.150, 133.539)

Have a look what the booklet for
CIELCh(91, 61.150, 133.539)
contains.

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Color

CIELCh(91, 61.430, 133.641)

Conversions

Conversions Part 1

Format	Color
Hex	ADF98D
RGB	173, 249, 141
RGB Percent	68%, 98%, 55%
CMY	0.3219, 0.0239, 0.4474
CMYK	0.31, 0.00, 0.43, 0.02
HSL	102°, 90%, 76%
HSV	102°, 43%, 98%
XYZ	55.8579, 78.4833, 37.3686
YIQ	213.9640, -10.6280, -49.7000

Conversions

Conversions Part 2

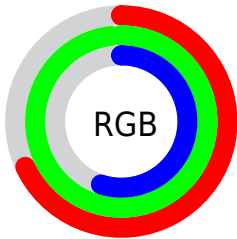
Format	Color
RYB	141, 249, 217
Decimal	11401613
CIELab	91.00, -42.40, 44.46
CIELCh	91, 61.430, 133.641
Yxy	78.4833, 0.3253, 0.4571
Android (android.graphics.Color)	4289591693 (0xFFADF98D)
YUV	213.9640, -35.9713, -35.9254
Hunter-Lab	88.5908, -42.4868, 37.0043

Details

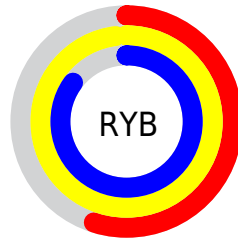
The CIELCh color **91, 61.430, 133.641** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **70, 63.405, 317.707**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **97, 31.171, 124.582**, and **71, 61.253, 133.799** is the 20% darker color. If you saturate the color by 10%, you get **90, 74.649, 133.093**, and if you desaturate by 10%, it is **92, 47.577, 134.211**.

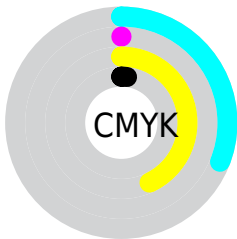
Distribution



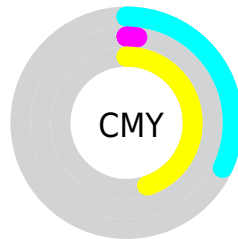
- Red (68%)
- Green (98%)
- Blue (55%)



- Red (55%)
- Yellow (98%)
- Blue (85%)



- Cyan (31%)
- Magenta (0%)
- Yellow (43%)
- Black (2%)





- Cyan (32%)
- Magenta (2%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 61.430, 133.641 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, 61.430, 133.641 by changing the saturation by 10% instead.


 91, 61.430,
133.641


 91, 61.430,
133.641


 100, 61.430,
133.641


 81, 61.430,
133.641


 71, 61.430,
133.641

 61, 61.430,
133.641


 51, 61.430,
133.641

 41, 61.430,
133.641


 31, 61.430,
133.641


 21, 61.430,


133.641


 11, 61.430,
133.641


 1, 61.430, 133.641


 91, 61.430,
133.641


 91, 61.430,
133.641


 90, 74.649,
133.093


 92, 47.577,
134.211

 89, 86.813,
132.634

 94, 33.387,
134.759

 88, 97.377,
132.371

 95, 19.075,
135.269

 87, 105.713,
132.437

 97, 4.798, 135.756

 99, 3.794, 324.492

■ 87,111.327,
132.939

■ 87,113.704,
133.449

Harmonies

Complementary

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



91, 61.430, 133.641



70, 63.405, 317.707

Rectangle

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



91, 61.430, 133.641



91, 61.430, 183.641



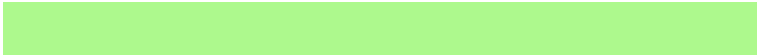
91, 61.430, 313.641



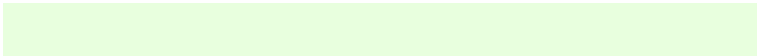
91, 61.430, 3.641

Sweetspot

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



91, 61.432, 133.642



98, 18.888, 135.287



88, 41.350, 88.051



52, 13.226, 135.178



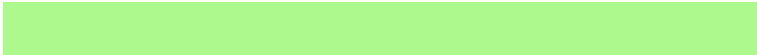
0, 0.000, 0.000



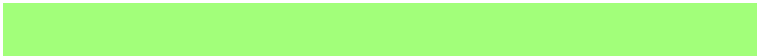
53, 0.007, 296.813

Same Dimension

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



91, 61.432, 133.642



92, 74.303, 133.162



90, 58.469, 146.799



51, 8.112, 135.456



67, 92.108, 133.238



22, 40.014, 132.314

Inverse Universe

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



70, 63.405, 317.707



66, 77.081, 318.016



73, 58.547, 333.415



49, 8.178, 316.238



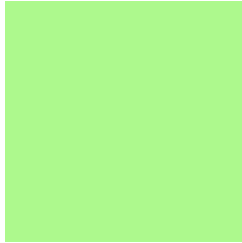
35, 95.432, 317.469



8, 42.877, 318.674

Previews

White Background



This preview shows how the CIELCh color 91, 61.430, 133.641 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, 61.430, 133.641 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

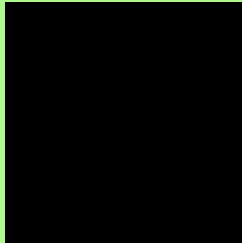
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 61.430, 133.641

Background



This preview shows how black text looks on a background with the CIELCh color 91, 61.430, 133.641.

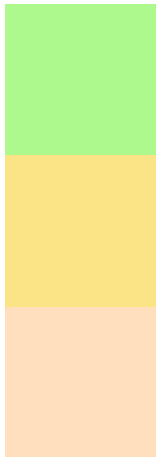


This preview shows how white text looks on a background with the CIELCh color 91, 61.430, 133.641.

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
91, 61.430, 133.641

Protanopia
91, 49.077, 95.559

Deuteranopia
91, 21.598, 73.746

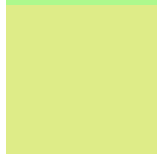


Tritanopia
91, 17.072, 234.102

Trichromacy



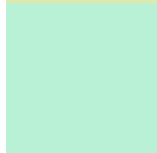
Original Color
91, 61.430, 133.641



Protanomaly
90, 50.636, 112.461



Deuteranomaly
90, 30.874, 112.699

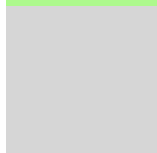


Tritanomaly
91, 24.202, 162.514

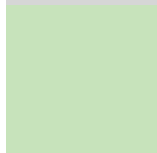
Monochromacy



Original Color
91, 61.430, 133.641



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 23.302, 134.945

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 61.430, 133.641 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(173, 249, 141)` looks like.

```
.text, #text, p{  
    color:rgb(173, 249, 141)  
}
```

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(173, 249, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 249, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 61.430, 133.641 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(173, 249, 141) }
```

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

```
.border{ border-color:rgb(173, 249, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 249, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 249, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 249, 141); box-shadow:4px 4px 4px 4px rgb(173, 249, 141) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 61.430, 133.641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 249, 141) }
```

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

```
.background{ background-color: rgb(173,  
249, 141) }
```

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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