

Converting Colors

CIELCh(91, 39.149, 122.670)

Have a look what the booklet for
CIELCh(91, 39.149, 122.670)
contains.

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Color

CIELCh(91, 39.107, 122.566)

Conversions

Conversions Part 1

Format	Color
Hex	D4EFA5
RGB	212, 239, 165
RGB Percent	83%, 94%, 65%
CMY	0.1684, 0.0625, 0.3528
CMYK	0.11, 0.00, 0.31, 0.06
HSL	82°, 70%, 79%
HSV	82°, 31%, 94%
XYZ	64.8411, 78.4833, 47.3498
YIQ	222.4910, 7.6620, -28.7380

Conversions

Conversions Part 2

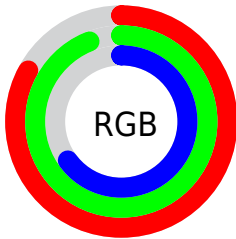
Format	Color
RYB	165, 239, 192
Decimal	13954981
CIELab	91.00, -21.05, 32.96
CIELCh	91, 39.107, 122.566
Yxy	78.4833, 0.3401, 0.4116
Android (android.graphics.Color)	4292145061 (0xFFD4EFA5)
YUV	222.4910, -28.3431, -9.2006
Hunter-Lab	88.5908, -24.3867, 30.3244

Details

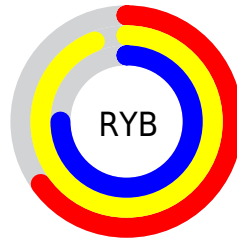
The CIELCh color **91, 39.107, 122.566** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72, 41.411, 306.105**, and the grayscale version is **89, 0.011, 296.813**.

A 20% lighter version of the original color is **99, 17.195, 108.877**, and **71, 39.257, 122.241** is the 20% darker color. If you saturate the color by 10%, you get **90, 51.345, 122.049**, and if you desaturate by 10%, it is **92, 26.582, 123.111**.

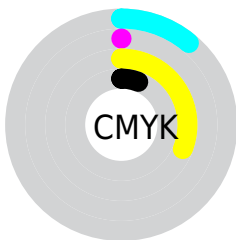
Distribution



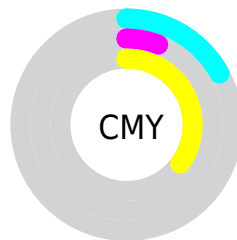
- Red (83%)
- Green (94%)
- Blue (65%)



- Red (65%)
- Yellow (94%)
- Blue (75%)



- Cyan (11%)
- Magenta (0%)
- Yellow (31%)
- Black (6%)





- Cyan (17%)
- Magenta (6%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 91, 39.107, 122.566 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, 39.107, 122.566 by changing the saturation by 10% instead.


 91, 39.107,
122.566


 91, 39.107,
122.566


 100, 39.107,
122.566


 81, 39.107,
122.566

 71, 39.107,
122.566

 61, 39.107,
122.566


 51, 39.107,
122.566

 41, 39.107,
122.566


 31, 39.107,
122.566


 21, 39.107,


122.566


 11, 39.107,
122.566


 1, 39.107, 122.566


 91, 39.107,
122.566


 91, 39.107,
122.566

 90, 51.345,
122.049


 92, 26.582,
123.111

 89, 63.068,
121.596

 93, 13.913,
123.654

 88, 73.952,
121.273

 94, 1.206, 124.236

 88, 83.536,
121.174

 95, 8.675, 309.144

 96, 9.943, 324.756

■ 87, 91.259,
121.415

■ 87, 96.621,
122.113

■ 86, 99.551,
123.121

Harmonies

Complementary

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



91, 39.107, 122.566



72, 41.411, 306.105

Rectangle

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



91, 39.107, 122.566



91, 39.107, 172.566



91, 39.107, 302.566



91, 39.107, 352.566

Sweetspot

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



91, 39.109, 122.568



99, 12.040, 123.757



81, 23.880, 55.222



53, 8.367, 123.679



0, 0.000, 0.000



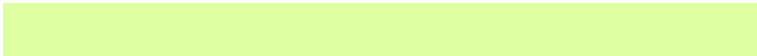
53, 0.007, 296.813

Same Dimension

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



91, 39.109, 122.568



96, 49.046, 122.243



89, 44.711, 138.517



50, 7.229, 123.733



68, 81.517, 122.857



21, 33.778, 121.798

Inverse Universe

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



72, 41.411, 306.105



72, 52.625, 306.556



76, 45.155, 321.714



46, 7.356, 304.719



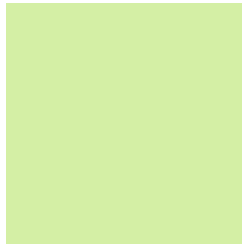
26, 100.261, 309.275



4, 39.062, 307.873

Previews

White Background



This preview shows how the CIELCh color 91, 39.107, 122.566 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, 39.107, 122.566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

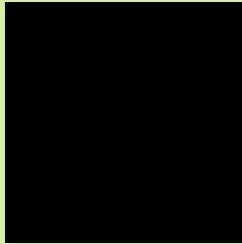
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 91, 39.107, 122.566

Background



This preview shows how black text looks on a background with the CIELCh color 91, 39.107, 122.566.



This preview shows how white text looks on a background with the CIELCh color 91, 39.107, 122.566.

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



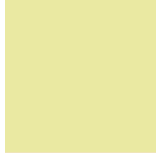


Tritanopia
91, 9.521, 278.472

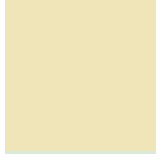
Trichromacy



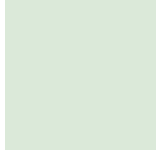
Original Color
91, 39.107, 122.566



Protanomaly
91, 36.228, 106.596

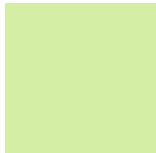


Deuteranomaly
91, 23.486, 98.831

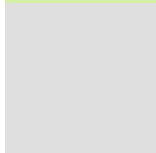


Tritanomaly
91, 9.732, 140.692

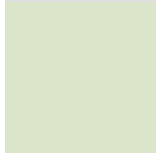
Monochromacy



Original Color
91, 39.107, 122.566



Achromatopsia
89, 0.011, 296.813



Achromatomaly
90, 14.472, 123.816

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 91, 39.107, 122.566 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(212, 239, 165)` looks like.

```
.text, #text, p{  
    color:rgb(212, 239, 165)  
}
```

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(212, 239, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 239, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 91, 39.107, 122.566 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(212, 239, 165) }
```

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

```
.border{ border-color:rgb(212, 239, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 239, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 239, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 239, 165);  
box-shadow:4px 4px 4px 4px rgb(212, 239,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 91, 39.107, 122.566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 239, 165) }
```

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

```
.background{ background-color: rgb(212,  
239, 165) }
```

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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