

Converting Colors

CIELCh(89, 35.464, 122.537)

Have a look what the booklet for
CIELCh(89, 35.464, 122.537)
contains.

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Color

CIELCh(89, 35.113, 122.657)

Conversions

Conversions Part 1

Format	Color
Hex	D0E8A6
RGB	208, 232, 166
RGB Percent	82%, 91%, 65%
CMY	0.1828, 0.0887, 0.3476
CMYK	0.10, 0.00, 0.28, 0.09
HSL	82°, 59%, 78%
HSV	82°, 28%, 91%
XYZ	62.0031, 74.1641, 47.3009
YIQ	217.3000, 6.8820, -25.6140

Conversions

Conversions Part 2

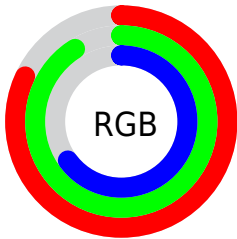
Format	Color
RYB	166, 232, 190
Decimal	13691046
CIELab	89.00, -18.95, 29.56
CIELCh	89, 35.113, 122.657
Yxy	74.1641, 0.3380, 0.4042
Android (android.graphics.Color)	4291881126 (0xFFD0E8A6)
YUV	217.3000, -25.2909, -8.1561
Hunter-Lab	86.1186, -22.1924, 27.7178

Details

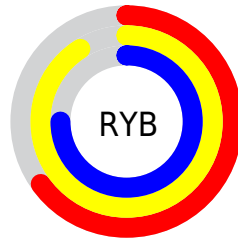
The CIELCh color **89, 35.113, 122.657** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72, 36.987, 305.880**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 17.195, 108.877**, and **69, 34.662, 122.615** is the 20% darker color. If you saturate the color by 10%, you get **88, 47.162, 122.131**, and if you desaturate by 10%, it is **90, 22.828, 123.204**.

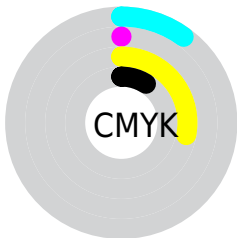
Distribution



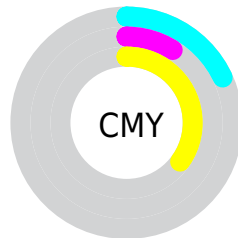
- Red (82%)
- Green (91%)
- Blue (65%)



- Red (65%)
- Yellow (91%)
- Blue (75%)



- Cyan (10%)
- Magenta (0%)
- Yellow (28%)
- Black (9%)





- Cyan (18%)
- Magenta (9%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 35.113, 122.657 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 89, 35.113, 122.657 by changing the saturation by 10% instead.


 89, 35.113,
122.657


 89, 35.113,
122.657


 100, 35.113,
122.657


 79, 35.113,
122.657

 69, 35.113,
122.657

 59, 35.113,
122.657


 49, 35.113,
122.657

 39, 35.113,
122.657


 29, 35.113,
122.657


 19, 35.113,


122.657


 9, 35.113, 122.657


 0, 35.113, 122.657


 89, 35.113,
122.657


 89, 35.113,
122.657

 88, 47.162,
122.131


 90, 22.828,
123.204


 87, 58.773,
121.655

 91, 10.431,
123.744


 86, 69.659,
121.291

 92, 1.983, 304.210

 86, 79.410,
121.121

 93, 12.197,
307.126

 85, 87.493,

 94, 13.326,
319.401

121.258

94, 14.117,
324.910

85, 93.379,
121.823

84, 96.922,
122.862

84, 97.391,
123.041

Harmonies

Complementary

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



89, 35.113, 122.657



72, 36.987, 305.880

Rectangle

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



89, 35.113, 122.657



89, 35.113, 172.657



89, 35.113, 302.657



89, 35.113, 352.657

Sweetspot

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



89, 35.115, 122.659



99, 12.037, 123.710



80, 21.216, 55.412



53, 8.365, 123.631



0, 0.000, 0.000



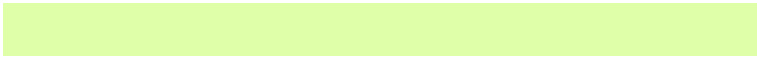
53, 0.007, 296.813

Same Dimension

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



89, 35.115, 122.659



96, 45.159, 122.351



87, 40.124, 138.695



49, 7.101, 123.687



67, 80.632, 122.786



20, 32.410, 121.969

Inverse Universe

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



72, 36.987, 305.880



75, 48.145, 306.292



75, 40.497, 321.596



45, 7.226, 304.673



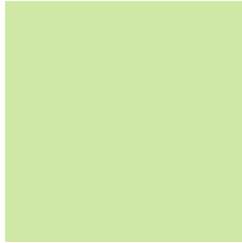
25, 99.237, 309.265



4, 36.969, 307.133

Previews

White Background



This preview shows how the CIELCh color 89, 35.113, 122.657 looks on a white background.

Color Contrast Check

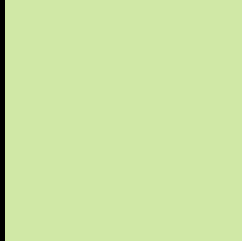
Large Text (above 18pt) WCAG AA × Fail

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 89, 35.113, 122.657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

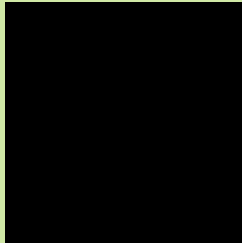
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

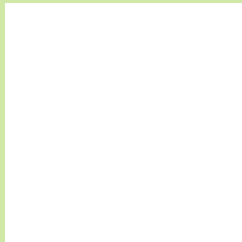
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 35.113, 122.657

Background



This preview shows how black text looks on a background with the CIELCh color 89, 35.113, 122.657.

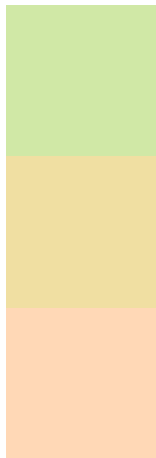


This preview shows how white text looks on a background with the CIELCh color 89, 35.113, 122.657.

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

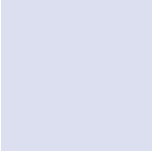
89, 35.113, 122.657

Protanopia

89, 32.194, 95.404

Deuteranopia

89, 23.505, 68.197

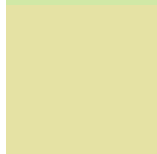


Tritanopia
89, 8.943, 282.028

Trichromacy



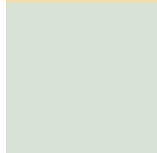
Original Color
89, 35.113, 122.657



Protanomaly
89, 31.904, 105.396



Deuteranomaly
89, 24.630, 93.485

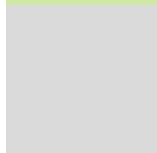


Tritanomaly
89, 7.875, 139.932

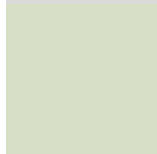
Monochromacy



Original Color
89, 35.113, 122.657



Achromatopsia
87, 0.010, 296.813



Achromatomaly
88, 12.843, 122.470

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 35.113, 122.657 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(208, 232, 166)` looks like.

```
.text, #text, p{  
    color:rgb(208, 232, 166)  
}
```

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(208, 232, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 232, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 35.113, 122.657 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(208, 232, 166) }
```

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

```
.border{ border-color:rgb(208, 232, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 232, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 232, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 232, 166);  
box-shadow:4px 4px 4px 4px rgb(208, 232,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 35.113, 122.657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 232, 166) }
```

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

```
.background{ background-color: rgb(208,  
232, 166) }
```

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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