

Converting Colors

CIELCh(89, 23.560, 114.053)

Have a look what the booklet for
CIELCh(89, 23.560, 114.053)
contains.

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Color

CIELCh(89, 23.884, 114.638)

Conversions

Conversions Part 1

Format	Color
Hex	DDE4B6
RGB	221, 228, 182
RGB Percent	87%, 89%, 71%
CMY	0.1337, 0.1062, 0.2866
CMYK	0.03, 0.00, 0.20, 0.11
HSL	69°, 46%, 80%
HSV	69°, 20%, 89%
XYZ	65.9400, 74.1641, 55.0454
YIQ	220.6630, 10.5940, -15.7900

Conversions

Conversions Part 2

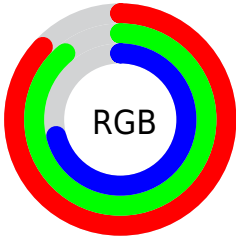
Format	Color
RYB	182, 228, 189
Decimal	14542006
CIELab	89.00, -9.96, 21.71
CIELCh	89, 23.884, 114.638
Yxy	74.1641, 0.3379, 0.3800
Android (android.graphics.Color)	4292732086 (0xFFDDE4B6)
YUV	220.6630, -19.0609, 0.2955
Hunter-Lab	86.1186, -14.0322, 22.3860

Details

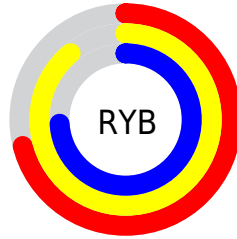
The CIELCh color **89, 23.884, 114.638** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **76, 24.985, 297.866**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 8.605, 109.524**, and **69, 24.016, 114.567** is the 20% darker color. If you saturate the color by 10%, you get **88, 35.524, 113.891**, and if you desaturate by 10%, it is **90, 12.084, 115.394**.

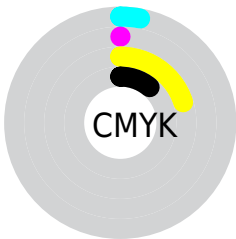
Distribution



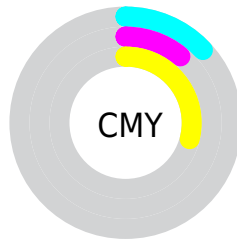
- Red (87%)
- Green (89%)
- Blue (71%)



- Red (71%)
- Yellow (89%)
- Blue (74%)



- Cyan (3%)
- Magenta (0%)
- Yellow (20%)
- Black (11%)




- Cyan (13%)
- Magenta (11%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 23.884, 114.638 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, 23.884, 114.638 by changing the saturation by 10% instead.


 89, 23.884,
114.638

 89, 23.884,
114.638


 100, 23.884,
114.638

 79, 23.884,
114.638

 69, 23.884,
114.638

 59, 23.884,
114.638

 49, 23.884,
114.638

 39, 23.884,
114.638

 29, 23.884,
114.638

 19, 23.884,

114.638

■ 9, 23.884, 114.638

■ 0, 23.884, 114.638

■ 89, 23.884,
114.638

■ 89, 23.884,
114.638

■ 88, 35.524,
113.891

■ 90, 12.084,
115.394

■ 88, 46.863,
113.166

■ 91, 0.207, 116.099

■ 87, 57.696,
112.500

■ 91, 11.682,
296.849

■ 87, 67.713,
111.942

■ 92, 14.276,
300.753

■ 86, 76.472,

■ 92, 14.529,
305.400

111.556

92, 14.874,
309.889

86, 83.424,
111.425

93, 15.304,
314.180

86, 88.066,
111.626

93, 15.815,
318.243

85, 90.462,
112.143

93, 16.401,
322.058

Harmonies

Complementary

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



89, 23.884, 114.638



76, 24.985, 297.866

Rectangle

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



89, 23.884, 114.638



89, 23.884, 164.638



89, 23.884, 294.638



89, 23.884, 344.638

Sweetspot

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



89, 23.886, 114.642



99, 7.800, 115.703



80, 15.585, 34.030



53, 5.174, 115.654



0, 0.000, 0.000



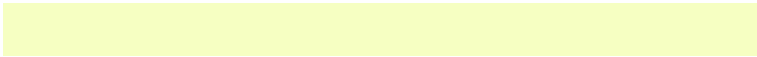
53, 0.007, 296.813

Same Dimension

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



89, 23.886, 114.642



98, 31.055, 114.343



87, 26.403, 133.233



48, 6.778, 115.448



68, 75.317, 112.003



20, 29.604, 112.016

Inverse Universe

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



76, 24.985, 297.866



81, 32.801, 298.268



78, 26.890, 314.986



44, 6.925, 296.888



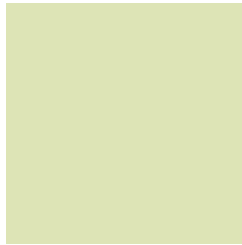
22, 101.371, 306.916



3, 33.990, 300.405

Previews

White Background



This preview shows how the CIELCh color 89, 23.884, 114.638 looks on a white background.

Color Contrast Check

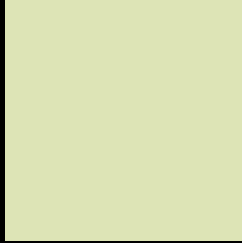
Large Text (above 18pt) WCAG AA × Fail

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 89, 23.884, 114.638 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

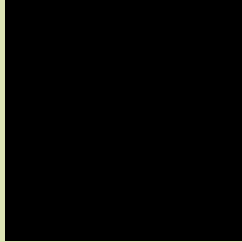
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

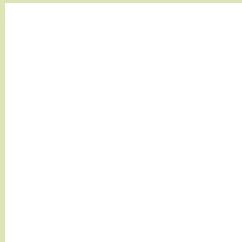
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 23.884, 114.638

Background



This preview shows how black text looks on a background with the CIELCh color 89, 23.884, 114.638.



This preview shows how white text looks on a background with the CIELCh color 89, 23.884, 114.638.

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](#).

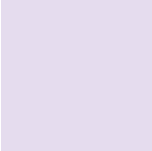
Dichromacy



Original Color
89, 23.884, 114.638

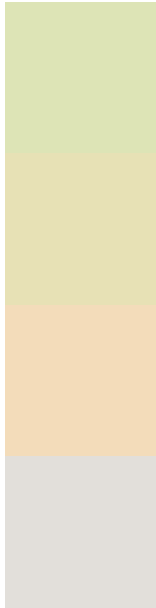
Protanopia
89, 22.910, 94.605

Deuteranopia
89, 20.745, 62.267



Tritanopia
89, 9.949, 309.392

Trichromacy



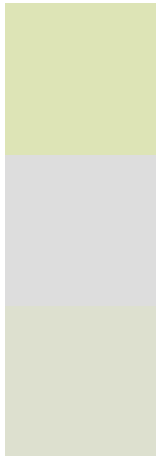
Original Color
89, 23.884, 114.638

Protanomaly
89, 22.847, 102.474

Deuteranomaly
89, 19.793, 82.024

Tritanomaly
89, 2.798, 87.100

Monochromacy



Original Color
89, 23.884, 114.638

Achromatopsia
88, 0.010, 296.813

Achromatomaly
89, 8.901, 116.551

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 23.884, 114.638 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(221, 228, 182)` looks like.

```
.text, #text, p{  
    color:rgb(221, 228, 182)  
}
```

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(221, 228, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 228, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 23.884, 114.638 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(221, 228, 182) }
```

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

```
.border{ border-color:rgb(221, 228, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 228, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 228, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 228, 182); box-shadow:4px 4px 4px 4px rgb(221, 228, 182) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 23.884, 114.638 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 228, 182) }
```

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

```
.background{ background-color: rgb(221,  
228, 182) }
```

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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