

Converting Colors

CIELCh(89, 19.241, 114.225)

Have a look what the booklet for
CIELCh(89, 19.241, 114.225)
contains.

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Color

CIELCh(89, 19.225, 114.230)

Conversions

Conversions Part 1

Format	Color
Hex	DEE3BE
RGB	222, 227, 190
RGB Percent	87%, 89%, 75%
CMY	0.1295, 0.1099, 0.2550
CMYK	0.02, 0.00, 0.16, 0.11
HSL	68°, 40%, 82%
HSV	68°, 16%, 89%
XYZ	66.8681, 74.1641, 59.4906
YIQ	221.2870, 8.8970, -12.5670

Conversions

Conversions Part 2

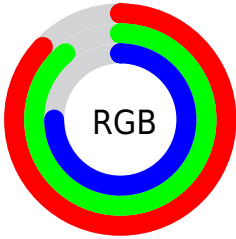
Format	Color
RYB	190, 227, 195
Decimal	14607294
CIELab	89.00, -7.89, 17.53
CIELCh	89, 19.225, 114.230
Yxy	74.1641, 0.3335, 0.3699
Android (android.graphics.Color)	4292797374 (0xFFDEE3BE)
YUV	221.2870, -15.4245, 0.6253
Hunter-Lab	86.1186, -12.1086, 19.3256

Details

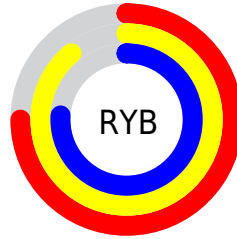
The CIELCh color **89, 19.225, 114.230** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **78, 19.938, 296.876**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 4.553, 109.821**, and **69, 19.141, 114.266** is the 20% darker color. If you saturate the color by 10%, you get **88, 30.884, 113.459**, and if you desaturate by 10%, it is **90, 7.444, 115.005**.

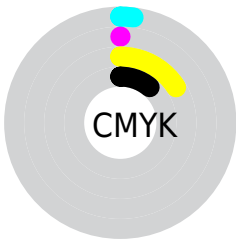
Distribution



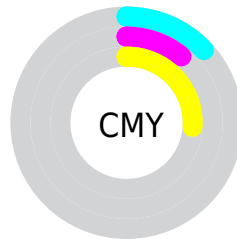
- Red (87%)
- Green (89%)
- Blue (75%)



- Red (75%)
- Yellow (89%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (16%)
- Black (11%)





- Cyan (13%)
- Magenta (11%)
- Yellow (26%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 19.225, 114.230 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, 19.225, 114.230 by changing the saturation by 10% instead.


 89, 19.225,
114.230


 89, 19.225,
114.230


 100, 19.225,
114.230


 79, 19.225,
114.230

 69, 19.225,
114.230

 59, 19.225,
114.230

 49, 19.225,
114.230

 39, 19.225,
114.230

 29, 19.225,
114.230

 19, 19.225,

114.230

■ 9, 19.225, 114.230

■ 0, 19.225, 114.230

■ 89, 19.225,
114.230

■ 89, 19.225,
114.230

■ 88, 30.884,
113.459

■ 90, 7.444, 115.005

■ 88, 42.300,
112.698

■ 91, 4.388, 295.763

■ 87, 53.301,
111.982

■ 91, 14.636,
296.941

■ 87, 63.621,
111.350

■ 92, 14.786,
300.989

■ 86, 72.871,

■ 92, 15.007,
304.962

110.860

92, 15.298,
308.824

86, 80.535,
110.583

92, 15.654,
312.549

86, 86.063,
110.598

93, 16.073,
316.115

85, 89.137,
110.959

93, 16.550,
319.508

85, 89.895,
111.144

Harmonies

Complementary

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



89, 19.225, 114.230



78, 19.938, 296.876

Rectangle

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



89, 19.225, 114.230



89, 19.225, 164.230



89, 19.225, 294.230



89, 19.225, 344.230

Sweetspot

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



89, 19.227, 114.235



100, 6.490, 115.101



81, 12.497, 32.271



53, 4.428, 115.048



0, 0.000, 0.000



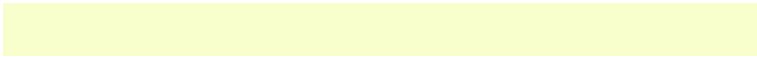
53, 0.007, 296.813

Same Dimension

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



89, 19.227, 114.235



98, 25.889, 113.937



88, 21.144, 132.880



48, 6.769, 114.763



69, 75.084, 111.020



20, 29.538, 111.108

Inverse Universe

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



78, 19.938, 296.876



84, 27.088, 297.255



80, 21.479, 314.271



44, 6.916, 296.250



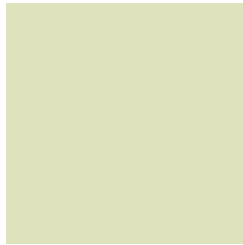
22, 101.536, 306.810



3, 33.948, 300.003

Previews

White Background



This preview shows how the CIELCh color 89, 19.225, 114.230 looks on a white background.

Color Contrast Check

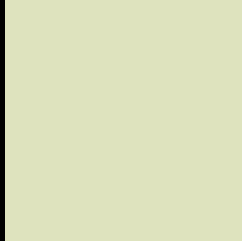
Large Text (above 18pt) WCAG AA × Fail

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, 19.225, 114.230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

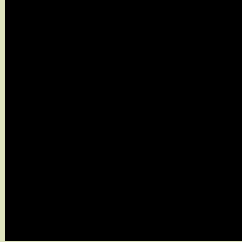
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

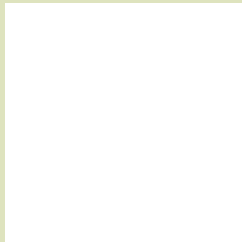
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 19.225, 114.230

Background



This preview shows how black text looks on a background with the CIELCh color 89, 19.225, 114.230.



This preview shows how white text looks on a background with the CIELCh color 89, 19.225, 114.230.

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](#).

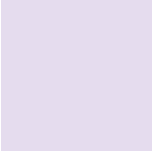
Dichromacy



Original Color
89, 19.225, 114.230

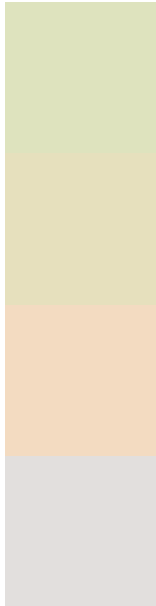
Protanopia
89, 18.702, 94.442

Deuteranopia
89, 18.964, 55.086



Tritanopia
89, 9.949, 309.392

Trichromacy



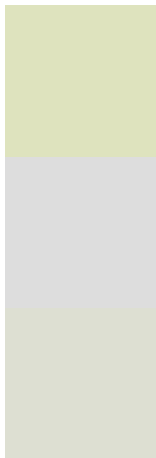
Original Color
89, 19.225, 114.230

Protanomaly
89, 18.259, 101.477

Deuteranomaly
89, 16.361, 74.934

Tritanomaly
89, 1.485, 63.344

Monochromacy



Original Color
89, 19.225, 114.230

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 6.798, 115.780

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 19.225, 114.230 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(222, 227, 190)` looks like.

```
.text, #text, p{  
    color:rgb(222, 227, 190)  
}
```

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(222, 227, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 227, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 19.225, 114.230 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(222, 227, 190) }
```

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

```
.border{ border-color:rgb(222, 227, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 227, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 227, 190); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 227, 190); box-shadow:4px 4px 4px 4px rgb(222, 227, 190) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 19.225, 114.230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 227, 190) }
```

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

```
.background{ background-color: rgb(222,  
227, 190) }
```

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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