

Converting Colors

CIELCh(89, 28.081, 100.376)

Have a look what the booklet for
CIELCh(89, 28.081, 100.376)
contains.

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Color

CIELCh(89, 28.067, 100.640)

Conversions

Conversions Part 1

Format	Color
Hex	EAE1AB
RGB	234, 225, 171
RGB Percent	92%, 88%, 67%
CMY	0.0830, 0.1182, 0.3300
CMYK	0.00, 0.04, 0.27, 0.08
HSL	51°, 60%, 79%
HSV	51°, 27%, 92%
XYZ	68.0970, 74.1641, 49.1780
YIQ	221.5350, 22.6980, -14.8860

Conversions

Conversions Part 2

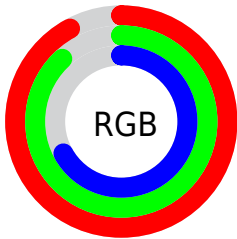
Format	Color
RYB	182, 234, 171
Decimal	15393195
CIELab	89.00, -5.18, 27.58
CIELCh	89, 28.067, 100.640
Yxy	74.1641, 0.3557, 0.3874
Android (android.graphics.Color)	4293583275 (0xFFEAE1AB)
YUV	221.5350, -24.9138, 10.9318
Hunter-Lab	86.1186, -9.5613, 26.4255

Details

The CIELCh color **89, 28.067, 100.640** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **74, 29.294, 287.223**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 14.168, 109.107**, and **69, 28.357, 100.467** is the 20% darker color. If you saturate the color by 10%, you get **88, 38.397, 99.500**, and if you desaturate by 10%, it is **90, 17.645, 101.773**.

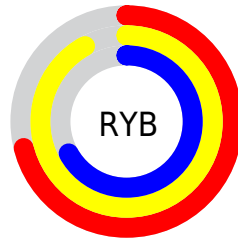
Distribution



Red (92%)

Green (88%)

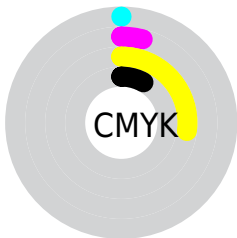
Blue (67%)



Red (71%)

Yellow (92%)

Blue (67%)

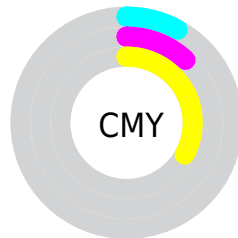


Cyan (0%)

Magenta (4%)

Yellow (27%)

Black (8%)



Cyan (8%)

Magenta (12%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 28.067, 100.640 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, 28.067, 100.640 by changing the saturation by 10% instead.

 89, 28.067,
100.640

 89, 28.067,
100.640

 100, 28.067,
100.640

 79, 28.067,
100.640

 69, 28.067,
100.640

 59, 28.067,
100.640

 49, 28.067,
100.640

 39, 28.067,
100.640

 29, 28.067,
100.640

 19, 28.067,

100.640

■ 9, 28.067, 100.640

■ 0, 28.067, 100.640

■ 89, 28.067,
100.640

■ 89, 28.067,
100.640

■ 88, 38.397, 99.500

■ 90, 17.645,
101.773

■ 87, 48.487, 98.352

■ 92, 7.209, 102.868

■ 85, 58.099, 97.213

■ 93, 3.190, 284.008

■ 84, 66.847, 96.094

■ 94, 8.751, 281.057

■ 83, 74.162, 95.000

■ 95, 7.354, 269.756

■ 82, 79.340, 93.924

■ 96, 6.358, 254.184

■ 82, 81.853, 92.833

■ 97, 5.963, 234.928

■ 81, 82.313, 92.496

■ 98, 6.277, 215.473

■ 98, 7.201, 199.499

Harmonies

Complementary

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



89, 28.067, 100.640



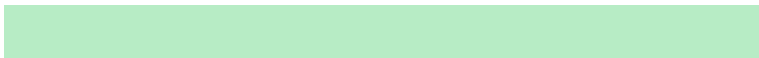
74, 29.294, 287.223

Rectangle

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



89, 28.067, 100.640



89, 28.067, 150.640



89, 28.067, 280.640



89, 28.067, 330.640

Sweetspot

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



89, 28.069, 100.645



99, 8.923, 102.751



76, 24.806, 9.984



53, 6.344, 102.587



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

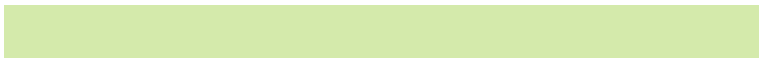
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89, 28.069, 100.645



95, 35.741, 100.049



90, 33.394, 122.208



49, 5.925, 102.596



64, 68.053, 92.686



19, 27.000, 94.738

Inverse Universe

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



74, 29.294, 287.223



77, 37.681, 288.111



74, 35.107, 305.314



45, 6.016, 284.740



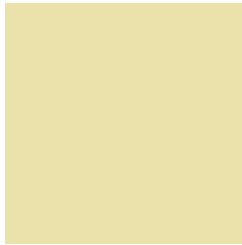
24, 95.500, 304.030



4, 32.210, 294.930

Previews

White Background



This preview shows how the CIELCh color 89, 28.067, 100.640 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, 28.067, 100.640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

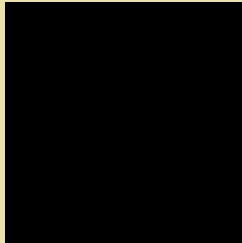
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 28.067, 100.640

Background



This preview shows how black text looks on a background with the CIELCh color 89, 28.067, 100.640.

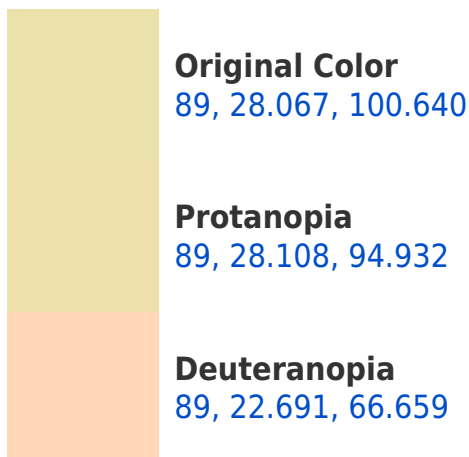


This preview shows how white text looks on a background with the CIELCh color 89, 28.067, 100.640.

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](#).

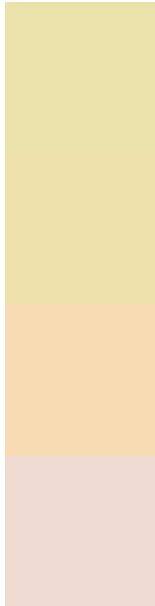
Dichromacy





Tritanopia
89, 12.877, 336.960

Trichromacy



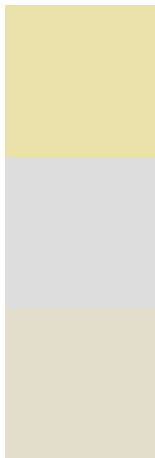
Original Color
89, 28.067, 100.640

Protanomaly
89, 28.338, 97.458

Deuteranomaly
89, 23.547, 80.707

Tritanomaly
89, 8.761, 51.937

Monochromacy



Original Color
89, 28.067, 100.640

Achromatopsia
88, 0.010, 296.813

Achromatomaly
88, 9.970, 100.779

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 28.067, 100.640 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(234, 225, 171)` looks like.

```
.text, #text, p{  
    color:rgb(234, 225, 171)  
}
```

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(234, 225, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 225, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 28.067, 100.640 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(234, 225, 171) }
```

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

```
.border{ border-color:rgb(234, 225, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 225, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 225, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 225, 171); box-shadow:4px 4px 4px 4px rgb(234, 225, 171) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 28.067, 100.640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 225, 171) }
```

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

```
.background{ background-color: rgb(234,  
225, 171) }
```

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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