

Converting Colors

CIELCh(89, 25.526, 99.891)

Have a look what the booklet for
CIELCh(89, 25.526, 99.891) contains.

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Color

CIELCh(89, 25.532, 100.189)

Conversions

Conversions Part 1

Format	Color
Hex	EAE1B0
RGB	234, 225, 176
RGB Percent	92%, 88%, 69%
CMY	0.0840, 0.1193, 0.3114
CMYK	0.00, 0.04, 0.25, 0.08
HSL	51°, 58%, 80%
HSV	51°, 25%, 92%
XYZ	68.4014, 74.1641, 51.5764
YIQ	222.1050, 21.0930, -13.3310

Conversions

Conversions Part 2

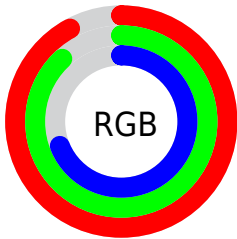
Format	Color
RYB	187, 234, 176
Decimal	15393200
CIELab	89.00, -4.52, 25.13
CIELCh	89, 25.532, 100.189
Yxy	74.1641, 0.3523, 0.3820
Android (android.graphics.Color)	4293583280 (0xFFEAE1B0)
YUV	222.1050, -22.7298, 10.4319
Hunter-Lab	86.1186, -8.9304, 24.7742

Details

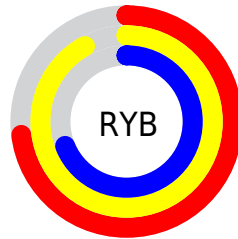
The CIELCh color **89, 25.532, 100.189** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **76, 26.489, 286.253**, and the grayscale version is **88, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 11.641, 109.297**, and **69, 25.713, 100.101** is the 20% darker color. If you saturate the color by 10%, you get **88, 35.779, 99.036**, and if you desaturate by 10%, it is **90, 15.228, 101.331**.

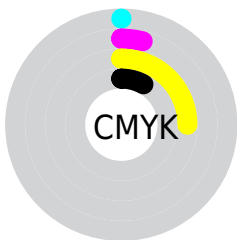
Distribution



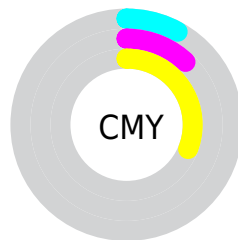
- Red (92%)
- Green (88%)
- Blue (69%)



- Red (73%)
- Yellow (92%)
- Blue (69%)



- Cyan (0%)
- Magenta (4%)
- Yellow (25%)
- Black (8%)





- Cyan (8%)
- Magenta (12%)
- Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 25.532, 100.189 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, 25.532, 100.189 by changing the saturation by 10% instead.


 89, 25.532,
100.189


 89, 25.532,
100.189


 100, 25.532,
100.189


 79, 25.532,
100.189

 69, 25.532,
100.189

 59, 25.532,
100.189

 49, 25.532,
100.189

 39, 25.532,
100.189

 29, 25.532,
100.189

 19, 25.532,

100.189

■ 9, 25.532, 100.189

■ 0, 25.532, 100.189

■ 89, 25.532,
100.189

■ 89, 25.532,
100.189

■ 88, 35.779, 99.036

■ 90, 15.228,
101.331

■ 86, 45.840, 97.868

■ 92, 4.935, 102.423

■ 85, 55.507, 96.702

■ 93, 5.308, 283.559

■ 84, 64.436, 95.546

■ 94, 8.375, 277.868

■ 83, 72.098, 94.406

■ 95, 6.991, 264.210

■ 82, 77.797, 93.269

■ 96, 6.165, 245.591

81, 80.892, 92.104

97, 6.118, 224.276

80, 81.676, 91.483

98, 6.859, 205.262

98, 7.329, 199.032

Harmonies

Complementary

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



89, 25.532, 100.189



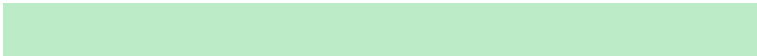
76, 26.489, 286.253

Rectangle

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



89, 25.532, 100.189



89, 25.532, 150.189



89, 25.532, 280.189



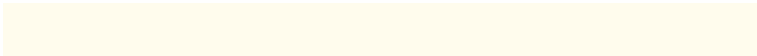
89, 25.532, 330.189

Sweetspot

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



89, 25.534, 100.194



99, 7.704, 102.189



77, 22.772, 8.422



53, 5.007, 102.124



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, 25.534, 100.194



95, 33.129, 99.580



90, 30.672, 121.674



49, 5.849, 101.925



64, 67.587, 91.691



19, 26.712, 93.857

Inverse Universe

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



76, 26.489, 286.253



78, 34.694, 287.137



75, 32.144, 304.593



46, 5.935, 284.091



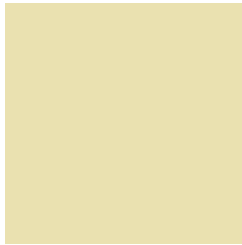
24, 94.496, 303.723



4, 31.911, 294.659

Previews

White Background



This preview shows how the CIELCh color 89, 25.532, 100.189 looks on a white background.

Color Contrast Check

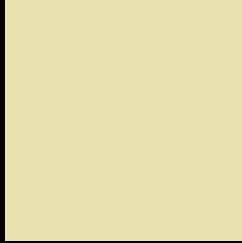
Large Text (above 18pt) WCAG AA × Fail

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, 25.532, 100.189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

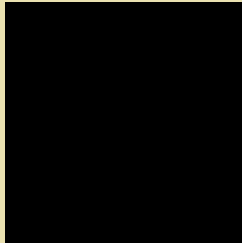
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 89, 25.532, 100.189

Background



This preview shows how black text looks on a background with the CIELCh color 89, 25.532, 100.189.



This preview shows how white text looks on a background with the CIELCh color 89, 25.532, 100.189.

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, 25.532, 100.189

Protanopia

89, 25.512, 94.814

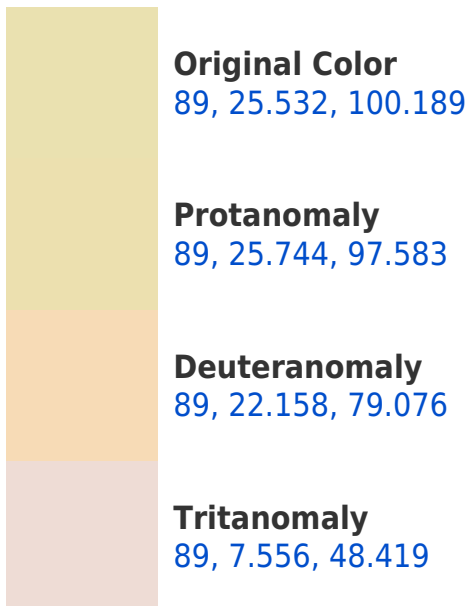
Deuteranopia

89, 21.897, 65.002

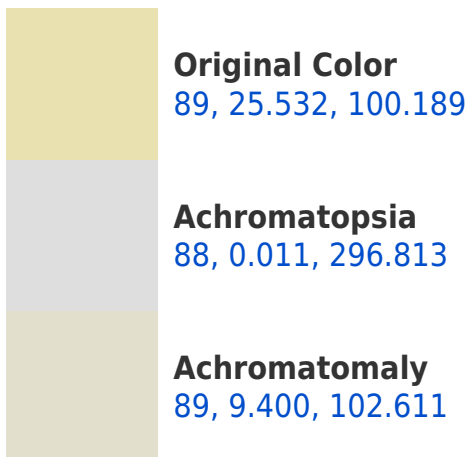


Tritanopia
89, 12.359, 334.600

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 25.532, 100.189 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, 176)` looks like.

```
.text, #text, p{  
    color:rgb(234, 225, 176)  
}
```

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, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 225, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 25.532, 100.189 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, 176) }
```

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

```
.border{ border-color:rgb(234, 225, 176) }
```

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, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 225, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 225, 176);  
box-shadow:4px 4px 4px 4px rgb(234, 225,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 25.532, 100.189 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, 176) }
```

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

```
.background{ background-color: rgb(234,  
225, 176) }
```

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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