

Converting Colors

CIELCh(89, 44.249, 107.546)

Have a look what the booklet for
CIELCh(89, 44.249, 107.546)
contains.

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Color

CIELCh(89, 44.247, 107.550)

Conversions

Conversions Part 1

Format	Color
Hex	E3E58E
RGB	227, 229, 142
RGB Percent	89%, 90%, 56%
CMY	0.1107, 0.1028, 0.4439
CMYK	0.01, 0.00, 0.38, 0.10
HSL	61°, 62%, 73%
HSV	61°, 38%, 90%
XYZ	64.4386, 74.1641, 36.4317
YIQ	218.4840, 26.7350, -27.4810

Conversions

Conversions Part 2

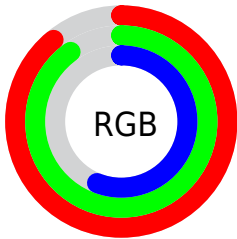
Format	Color
R_{YB}	142, 229, 144
Decimal	14935438
CIE _{Lab}	89.00, -13.34, 42.19
CIE _{LCh}	89, 44.247, 107.550
Yxy	74.1641, 0.3681, 0.4237
Android (android.graphics.Color)	4293125518 (0xFFE3E58E)
YUV	218.4840, -37.7066, 7.4685
Hunter-Lab	86.1186, -17.1442, 35.2009

Details

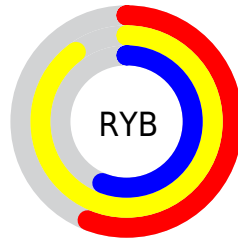
The CIELCh color **89, 44.247, 107.550** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **62, 48.785, 295.917**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 29.230, 107.956**, and **69, 44.443, 107.874** is the 20% darker color. If you saturate the color by 10%, you get **89, 55.144, 106.680**, and if you desaturate by 10%, it is **89, 32.890, 108.470**.

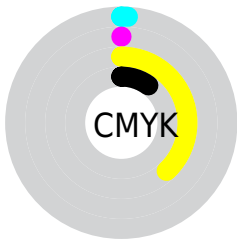
Distribution



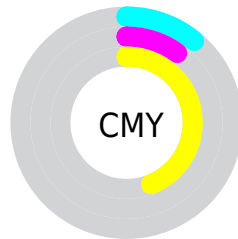
- Red (89%)
- Green (90%)
- Blue (56%)



- Red (56%)
- Yellow (90%)
- Blue (56%)



- Cyan (1%)
- Magenta (0%)
- Yellow (38%)
- Black (10%)



- Cyan (11%)
- Magenta (10%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 89, 44.247, 107.550 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, 44.247, 107.550 by changing the saturation by 10% instead.


 89, 44.247,
107.550

 89, 44.247,
107.550


 100, 44.247,
107.550

 79, 44.247,
107.550

 69, 44.247,
107.550

 59, 44.247,
107.550

 49, 44.247,
107.550

 39, 44.247,
107.550

 29, 44.247,
107.550

 19, 44.247,

107.550

■ 9, 44.247, 107.550

■ 0, 44.247, 107.550

■ 89, 44.247,
107.550

■ 89, 44.247,
107.550

■ 89, 55.144,
106.680

■ 89, 32.890,
108.470

■ 88, 65.283,
105.885

■ 90, 21.260,
109.406

■ 88, 74.240,
105.207

■ 90, 9.485, 110.339

■ 88, 81.471,
104.695

■ 91, 2.356, 291.295

■ 92, 13.589,
292.166

■ 88, 86.436,

104.392

92, 13.596,
292.923

88, 88.962,
104.308

92, 13.605,
293.679

88, 89.327,
104.303

92, 13.616,
294.435

92, 13.629,
295.191

Harmonies

Complementary

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



89, 44.247, 107.550



62, 48.785, 295.917

Rectangle

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



89, 44.247, 107.550



89, 44.247, 157.550



89, 44.247, 287.550



89, 44.247, 337.550

Sweetspot

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



89, 44.249, 107.553



99, 14.198, 110.057



68, 35.336, 24.181



53, 9.537, 109.929



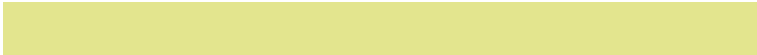
0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



89, 44.249, 107.553



98, 57.839, 106.828



86, 47.848, 127.870



48, 6.732, 110.206



70, 74.189, 104.280



20, 29.315, 104.950

Inverse Universe

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



62, 48.785, 295.917



62, 65.583, 297.385



66, 50.429, 311.511



44, 6.883, 292.032



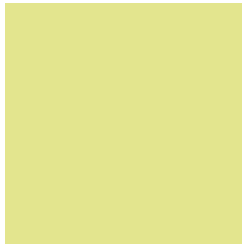
21, 102.272, 306.358



2, 33.716, 297.331

Previews

White Background



This preview shows how the CIELCh color 89, 44.247, 107.550 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, 44.247, 107.550 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, 44.247, 107.550

Background



This preview shows how black text looks on a background with the CIELCh color 89, 44.247, 107.550.



This preview shows how white text looks on a background with the CIELCh color 89, 44.247, 107.550.

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](#).

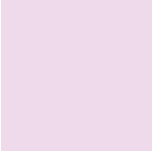
Dichromacy



Original Color
89, 44.247, 107.550

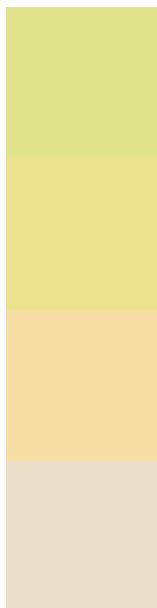
Protanopia
89, 43.386, 95.185

Deuteranopia
89, 26.644, 74.035



Tritanopia
89, 11.405, 329.317

Trichromacy



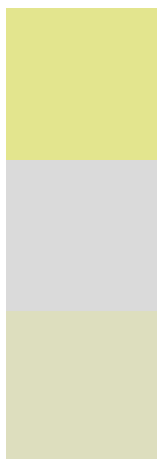
Original Color
89, 44.247, 107.550

Protanomaly
89, 43.238, 99.557

Deuteranomaly
89, 31.525, 89.970

Tritanomaly
89, 11.780, 86.807

Monochromacy



Original Color
89, 44.247, 107.550

Achromatopsia
87, 0.010, 296.813

Achromatomaly
88, 16.617, 110.085

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 44.247, 107.550 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(227, 229, 142)` looks like.

```
.text, #text, p{  
    color:rgb(227, 229, 142)  
}
```

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(227, 229, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 229, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 44.247, 107.550 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(227, 229, 142) }
```

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

```
.border{ border-color:rgb(227, 229, 142) }
```

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

Here you see how a box with a 4 pixel rgb(227, 229, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 229, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 229, 142);  
box-shadow:4px 4px 4px 4px rgb(227, 229,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 44.247, 107.550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 229, 142) }
```

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

```
.background{ background-color: rgb(227,  
229, 142) }
```

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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