

Converting Colors

CIELCh(89, 50.465, 126.043)

Have a look what the booklet for
CIELCh(89, 50.465, 126.043)
contains.

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Color

CIELCh(89, 50.056, 125.853)

Conversions

Conversions Part 1

Format	Color
Hex	C2ED90
RGB	194, 237, 144
RGB Percent	76%, 93%, 56%
CMY	0.2386, 0.0700, 0.4347
CMYK	0.18, 0.00, 0.39, 0.07
HSL	88°, 72%, 75%
HSV	88°, 39%, 93%
XYZ	57.6600, 74.1641, 37.7186
YIQ	213.5410, 4.2250, -38.0390

Conversions

Conversions Part 2

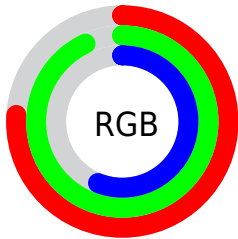
Format	Color
RYB	144, 237, 187
Decimal	12774800
CIELab	89.00, -29.32, 40.57
CIELCh	89, 50.056, 125.853
Yxy	74.1641, 0.3401, 0.4374
Android (android.graphics.Color)	4290964880 (0xFFC2ED90)
YUV	213.5410, -34.2837, -17.1375
Hunter-Lab	86.1186, -31.1943, 34.3149

Details

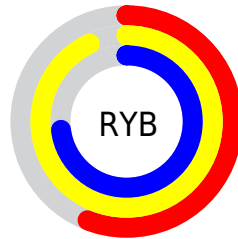
The CIELCh color **89, 50.056, 125.853** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **67, 53.264, 309.836**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 28.264, 110.326**, and **69, 50.029, 125.800** is the 20% darker color. If you saturate the color by 10%, you get **88, 62.149, 125.415**, and if you desaturate by 10%, it is **90, 37.516, 126.343**.

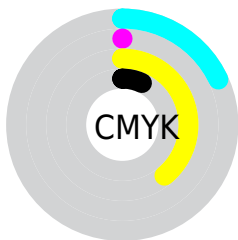
Distribution



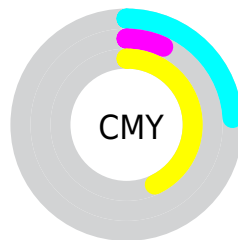
- Red (76%)
- Green (93%)
- Blue (56%)



- Red (56%)
- Yellow (93%)
- Blue (73%)



- Cyan (18%)
- Magenta (0%)
- Yellow (39%)
- Black (7%)





- Cyan (24%)
- Magenta (7%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 50.056, 125.853 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, 50.056, 125.853 by changing the saturation by 10% instead.


 89, 50.056,
125.853

 89, 50.056,
125.853


 100, 50.056,
125.853


 79, 50.056,
125.853

 69, 50.056,
125.853

 59, 50.056,
125.853

 49, 50.056,
125.853

 39, 50.056,
125.853


 29, 50.056,
125.853


 19, 50.056,


125.853


 9, 50.056, 125.853

 0, 50.056, 125.853


 89, 50.056,
125.853


 89, 50.056,
125.853


 88, 62.149,
125.415


 90, 37.516,
126.343

 87, 73.484,
125.086

 91, 24.735,
126.841


 86, 83.629,
124.959

 93, 11.859,
127.331

 86, 92.038,
125.156

 94, 1.013, 307.660

 85, 98.180,

 95, 10.098,
314.808

125.802

96, 11.129,
324.801

85, 101.990,
126.916

85, 102.248,
127.006

Harmonies

Complementary

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



89, 50.056, 125.853



67, 53.264, 309.836

Rectangle

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



89, 50.056, 125.853



89, 50.056, 175.853



89, 50.056, 305.853



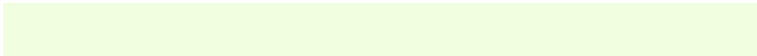
89, 50.056, 355.853

Sweetspot

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



89, 50.058, 125.854



98, 16.377, 127.194



79, 31.115, 65.303



52, 10.864, 127.130



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, 50.058, 125.854



94, 63.109, 125.498



87, 57.801, 140.345



50, 7.372, 127.318



67, 84.190, 126.737



21, 34.741, 125.664

Inverse Universe

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



67, 53.264, 309.836



66, 68.139, 310.310



72, 57.915, 325.078



46, 7.482, 308.179



28, 98.282, 311.081



5, 39.482, 310.873

Previews

White Background



This preview shows how the CIELCh color 89, 50.056, 125.853 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, 50.056, 125.853 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

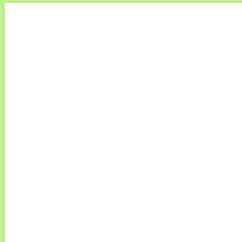
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 50.056, 125.853

Background



This preview shows how black text looks on a background with the CIELCh color 89, 50.056, 125.853.

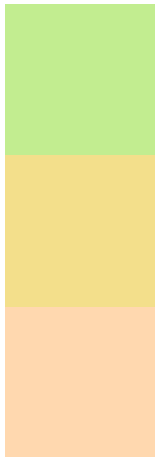


This preview shows how white text looks on a background with the CIELCh color 89, 50.056, 125.853.

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](#).

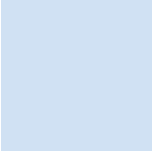
Dichromacy



Original Color
89, 50.056, 125.853

Protanopia
89, 43.785, 95.787

Deuteranopia
89, 26.472, 72.764



Tritanopia
89, 10.886, 258.979

Trichromacy



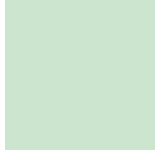
Original Color
89, 50.056, 125.853



Protanomaly
89, 44.286, 108.056



Deuteranomaly
89, 31.124, 101.024

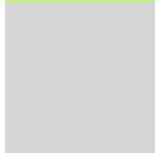


Tritanomaly
89, 14.884, 148.259

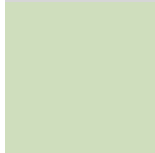
Monochromacy



Original Color
89, 50.056, 125.853



Achromatopsia
86, 0.010, 296.813



Achromatomaly
87, 18.102, 126.775

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 50.056, 125.853 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(194, 237, 144)` looks like.

```
.text, #text, p{  
    color:rgb(194, 237, 144)  
}
```

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(194, 237, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 237, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 50.056, 125.853 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(194, 237, 144) }
```

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

```
.border{ border-color:rgb(194, 237, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 237, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 237, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 237, 144);  
box-shadow:4px 4px 4px 4px rgb(194, 237,  
144) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 50.056, 125.853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 237, 144) }
```

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

```
.background{ background-color: rgb(194,  
237, 144) }
```

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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