

Converting Colors

CIELCh(89, 73.880, 145.972)

Have a look what the booklet for
CIELCh(89, 73.880, 145.972)
contains.

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Color

CIELCh(89, 73.801, 145.940)

Conversions

Conversions Part 1

Format	Color
Hex	6DFB8D
RGB	109, 251, 141
RGB Percent	43%, 98%, 55%
CMY	0.5726, 0.0157, 0.4471
CMYK	0.57, 0.00, 0.44, 0.02
HSL	134°, 95%, 71%
HSV	134°, 57%, 98%
XYZ	45.6082, 74.1641, 37.1084
YIQ	196.0020, -49.3220, -64.3140

Conversions

Conversions Part 2

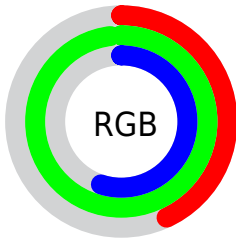
Format	Color
RYB	109, 225, 251
Decimal	7207821
CIELab	89.00, -61.14, 41.33
CIElCh	89, 73.801, 145.940
Yxy	74.1641, 0.2907, 0.4727
Android (android.graphics.Color)	4285397901 (0xFF6DFB8D)
YUV	196.0020, -27.1160, -76.3008
Hunter-Lab	86.1186, -56.1744, 34.7350

Details

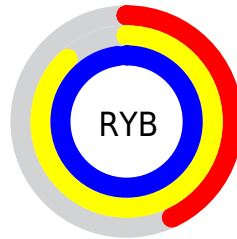
The CIELCh color **89, 73.801, 145.940** is a light color, and the websafe version is hex **66FF99**. A complement of this color would be **67, 73.284, 335.463**, and the grayscale version is **79, 0.010, 296.813**.

A 20% lighter version of the original color is **93, 42.624, 151.708**, and **69, 73.580, 146.033** is the 20% darker color. If you saturate the color by 10%, you get **88, 84.790, 144.446**, and if you desaturate by 10%, it is **90, 61.771, 147.263**.

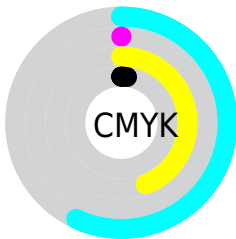
Distribution



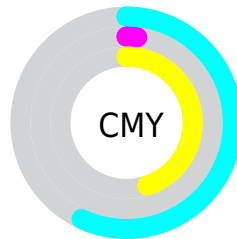
- Red (43%)
- Green (98%)
- Blue (55%)



- Red (43%)
- Yellow (88%)
- Blue (98%)



- Cyan (57%)
- Magenta (0%)
- Yellow (44%)
- Black (2%)





- Cyan (57%)
- Magenta (2%)
- Yellow (45%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 89, 73.801, 145.940 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, 73.801, 145.940 by changing the saturation by 10% instead.


 89, 73.801,
145.940


 89, 73.801,
145.940


 100, 73.801,
145.940


 79, 73.801,
145.940

 69, 73.801,
145.940

 59, 73.801,
145.940

 49, 73.801,
145.940

 39, 73.801,
145.940


 29, 73.801,
145.940


 19, 73.801,

145.940


 9, 73.801, 145.940


 0, 73.801, 145.940


 89, 73.801,
145.940


 89, 73.801,
145.940


 88, 84.790,
144.446


 90, 61.771,
147.263


 87, 94.454,
142.802


 92, 48.993,
148.416

 87, 102.548,
141.062

 93, 35.745,
149.414

 87, 108.896,
139.330

 95, 22.277,
150.278

 87, 110.701,

 97, 8.791, 151.043

138.795

99, 2.493, 324.405

Harmonies

Complementary

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



89, 73.801, 145.940



67, 73.284, 335.463

Rectangle

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



89, 73.801, 145.940



89, 73.801, 195.940



89, 73.801, 325.940



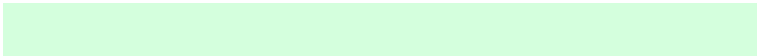
89, 73.801, 15.940

Sweetspot

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



89, 73.802, 145.940



96, 23.144, 150.242



94, 70.005, 115.053



51, 15.488, 150.077



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, 73.802, 145.940



89, 87.351, 144.211



90, 48.457, 170.767



51, 7.587, 150.825



67, 88.691, 139.104



22, 37.659, 141.836

Inverse Universe

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



67, 73.284, 335.463



63, 85.111, 336.450



65, 58.081, 5.553



49, 7.614, 332.011



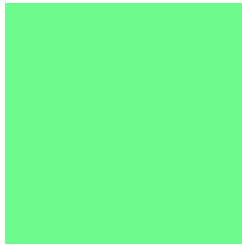
43, 77.442, 339.763



11, 35.777, 337.991

Previews

White Background



This preview shows how the CIE LCh color 89, 73.801, 145.940 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, 73.801, 145.940 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

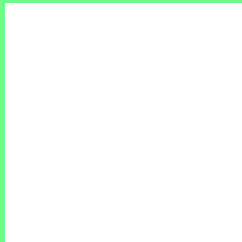
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 89, 73.801, 145.940

Background



This preview shows how black text looks on a background with the CIELCh color 89, 73.801, 145.940.

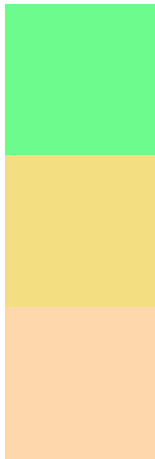


This preview shows how white text looks on a background with the CIELCh color 89, 73.801, 145.940.

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, 73.801, 145.940

Protanopia
88, 47.755, 95.745

Deuteranopia
88, 27.615, 73.180



Tritanopia
89, 28.702, 217.022

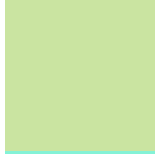
Trichromacy



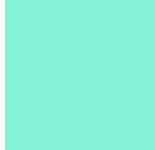
Original Color
89, 73.801, 145.940



Protanomaly
88, 52.428, 123.116



Deuteranomaly
87, 35.928, 123.551

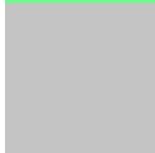


Tritanomaly
89, 38.339, 174.442

Monochromacy



Original Color
89, 73.801, 145.940



Achromatopsia
79, 0.010, 296.813



Achromatomaly
82, 28.558, 149.850

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 89, 73.801, 145.940 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(109, 251, 141)` looks like.

```
.text, #text, p{  
    color:rgb(109, 251, 141)  
}
```

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(109, 251, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 251, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 89, 73.801, 145.940 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(109, 251, 141) }
```

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

```
.border{ border-color:rgb(109, 251, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 251, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 251, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 251, 141);  
box-shadow:4px 4px 4px 4px rgb(109, 251,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 89, 73.801, 145.940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 251, 141) }
```

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

```
.background{ background-color: rgb(109,  
251, 141) }
```

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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