

Converting Colors

CIELCh(82, 89.510, 125.530)

Have a look what the booklet for
CIELCh(82, 89.510, 125.530)
contains.

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Color

CIELCh(82, 89.398, 125.445)

Conversions

Conversions Part 1

Format	Color
Hex	8DE22D
RGB	141, 226, 45
RGB Percent	55%, 89%, 18%
CMY	0.4467, 0.1134, 0.8231
CMYK	0.38, 0.00, 0.80, 0.11
HSL	88°, 76%, 53%
HSV	88°, 80%, 89%
XYZ	38.6936, 60.2982, 12.0926
YIQ	179.9510, 7.4410, -74.3110

Conversions

Conversions Part 2

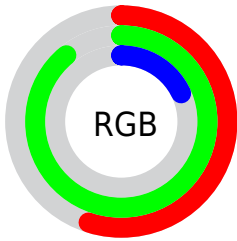
Format	Color
R_{YB}	45, 226, 130
Decimal	9298477
CIE _{Lab}	82.00, -51.84, 72.83
CIE _{LCh}	82, 89.398, 125.445
Yxy	60.2982, 0.3483, 0.5428
Android (android.graphics.Color)	4287488557 (0xFF8DE22D)
YUV	179.9510, -66.5308, -34.1600
Hunter-Lab	77.6519, -46.9451, 45.1232

Details

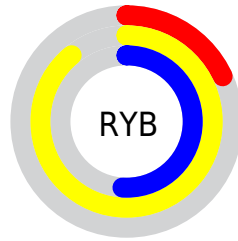
The CIELCh color **82, 89.398, 125.445** is a dark color, and the websafe version is hex **66CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **41, 102.100, 311.809**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 74.783, 121.614**, and **62, 81.036, 128.701** is the 20% darker color. If you saturate the color by 10%, you get **81, 95.190, 126.118**, and if you desaturate by 10%, it is **83, 81.406, 125.227**.

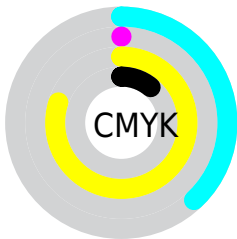
Distribution



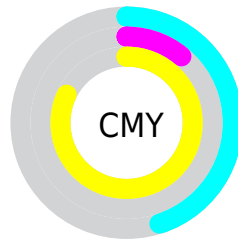
- Red (55%)
- Green (89%)
- Blue (18%)



- Red (18%)
- Yellow (89%)
- Blue (51%)



- Cyan (38%)
- Magenta (0%)
- Yellow (80%)
- Black (11%)



- Cyan (45%)
- Magenta (11%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 89.398, 125.445 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 82, 89.398, 125.445 by changing the saturation by 10% instead.

■ 82, 89.398,
125.445

■ 82, 89.398,
125.445

■ 100, 89.398,
125.445

■ 72, 89.398,
125.445

■ 62, 89.398,
125.445

■ 52, 89.398,
125.445

■ 42, 89.398,
125.445

■ 32, 89.398,
125.445

■ 22, 89.398,
125.445

■ 12, 89.398,

125.445

■ 2, 89.398, 125.445

■ 0, 89.398, 125.445

■ 82, 89.398,
125.445

■ 82, 89.398,
125.445

■ 81, 95.190,
126.118

■ 83, 81.406,
125.227

■ 81, 98.825,
127.222

■ 83, 71.712,
125.338

■ 84, 60.846,
125.657

■ 85, 49.229,
126.089

■ 86, 37.163,

126.573

■ 87, 24.856,
127.068

■ 89, 12.451,
127.554

■ 90, 0.046, 130.560

■ 91, 12.288,
308.413

Harmonies

Complementary

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



82, 89.398, 125.445



41, 102.100, 311.809

Rectangle

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



82, 89.398, 125.445



82, 89.398, 175.445



82, 89.398, 305.445



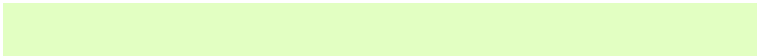
82, 89.398, 355.445

Sweetspot

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



82, 89.398, 125.446



97, 32.789, 126.865



64, 66.314, 61.880



51, 22.504, 126.686



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 89.398, 125.446



90, 107.005, 126.841



79, 101.090, 136.746



47, 6.994, 127.584



64, 81.730, 126.947



17, 30.528, 126.857

Inverse Universe

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



41, 102.100, 311.809



41, 124.136, 311.274



55, 98.903, 326.877



44, 7.097, 308.430



27, 95.046, 311.270



4, 33.269, 309.166

Previews

White Background



This preview shows how the CIELCh color 82, 89.398, 125.445 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 82, 89.398, 125.445 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 82, 89.398, 125.445

Background



This preview shows how black text looks on a background with the CIELCh color 82, 89.398, 125.445.

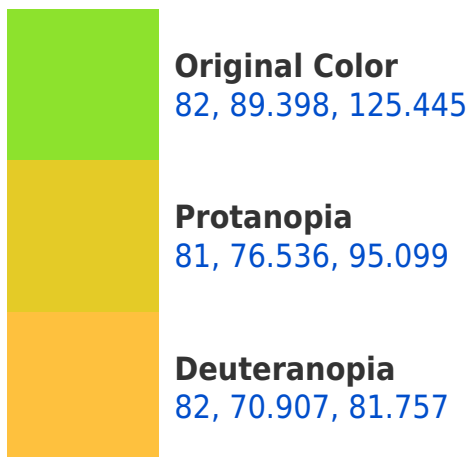


This preview shows how white text looks on a background with the CIELCh color 82, 89.398, 125.445.

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
82, 17.078, 228.459

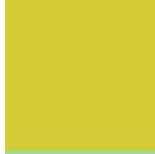
Trichromacy



Original Color
82, 89.398, 125.445



Protanomaly
81, 78.146, 108.093



Deuteranomaly
81, 71.456, 100.984

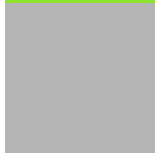


Tritanomaly
81, 36.641, 144.814

Monochromacy



Original Color
82, 89.398, 125.445



Achromatopsia
73, 0.009, 296.813



Achromatomaly
76, 36.996, 126.417

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 89.398, 125.445 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(141, 226, 45)` looks like.

```
.text, #text, p{  
    color:rgb(141, 226, 45)  
}
```

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(141, 226, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 226, 45) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 89.398, 125.445 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(141, 226, 45) }
```

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

```
.border{ border-color:rgb(141, 226, 45) }
```

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

Here you see how a box with a 4 pixel rgb(141, 226, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 226, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 226, 45);  
box-shadow:4px 4px 4px 4px rgb(141, 226,  
45) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 89.398, 125.445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 226, 45) }
```

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

```
.background{ background-color: rgb(141,  
226, 45) }
```

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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