

Converting Colors

CIELCh(79, 92.583, 123.283)

Have a look what the booklet for
CIELCh(79, 92.583, 123.283)
contains.

CIELCh(79, 92.516, 123.220)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(79, 92.516, 123.220)

Conversions

Conversions Part 1

Format	Color
Hex	89D901
RGB	137, 217, 1
RGB Percent	54%, 85%, 0%
CMY	0.4629, 0.1491, 0.9963
CMYK	0.37, 0.00, 1.00, 0.15
HSL	82°, 99%, 43%
HSV	82°, 100%, 85%
XYZ	35.1218, 54.9284, 8.7773
YIQ	168.4560, 21.6560, -84.1360

Conversions

Conversions Part 2

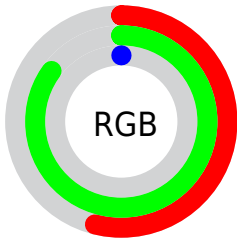
Format	Color
RYB	1, 217, 81
Decimal	9033985
CIELab	79.00, -50.69, 77.40
CIELCh	79, 92.516, 123.220
Yxy	54.9284, 0.3554, 0.5558
Android (android.graphics.Color)	4287224065 (0xFF89D901)
YUV	168.4560, -82.5558, -27.5869
Hunter-Lab	74.1137, -45.1095, 44.8578

Details

The CIELCh color **79, 92.516, 123.220** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **31, 113.412, 309.263**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 83.122, 120.533**, and **59, 77.751, 128.575** is the 20% darker color. If you saturate the color by 10%, you get **79, 92.644, 123.268**, and if you desaturate by 10%, it is **79, 89.198, 122.173**.

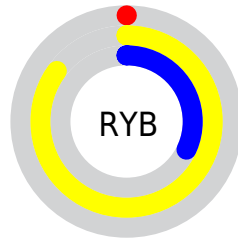
Distribution



Red (54%)

Green (85%)

Blue (0%)



Red (0%)

Yellow (85%)

Blue (32%)

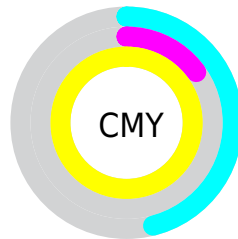


Cyan (37%)

Magenta (0%)

Yellow (100%)

Black (15%)



Cyan (46%)


Magenta (15%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 79, 92.516, 123.220 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 79, 92.516, 123.220 by changing the saturation by 10% instead.


 79, 92.516,
123.220


 79, 92.516,
123.220


 100, 92.516,
123.220


 69, 92.516,
123.220


 99, 92.516,
123.220


 59, 92.516,
123.220

 49, 92.516,
123.220

 39, 92.516,
123.220

 29, 92.516,
123.220

 19, 92.516,
123.220

 9, 92.516, 123.220

■ 0, 92.516, 123.220

■ 79, 92.516,
123.220

■ 79, 92.516,
123.220

■ 79, 92.644,
123.268

■ 79, 89.198,
122.173

■ 80, 83.791,
121.566

■ 81, 76.283,
121.392

■ 81, 67.158,
121.536

■ 82, 56.923,
121.881

■ 83, 45.974,
122.344

■ 84, 34.594,
122.863

■ 85, 22.972,
123.401

■ 86, 11.238,
123.935

Harmonies

Complementary

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



79, 92.516, 123.220



31, 113.412, 309.263

Rectangle

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



79, 92.516, 123.220



79, 92.516, 173.220



79, 92.516, 303.220



79, 92.516, 353.220

Sweetspot

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



79, 92.516, 123.221



96, 39.999, 122.825



52, 80.709, 50.696



51, 27.219, 122.601



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



79, 92.516, 123.221



91, 104.773, 123.414



76, 105.006, 135.386



46, 6.726, 123.942



64, 78.233, 123.026



17, 28.151, 123.302

Inverse Universe

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



31, 113.412, 309.263



37, 128.501, 309.158



47, 103.271, 323.071



43, 6.843, 304.910



24, 95.949, 309.406



3, 30.460, 304.607

Previews

White Background



This preview shows how the CIELCh color 79, 92.516, 123.220 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 79, 92.516, 123.220 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

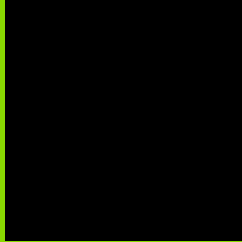
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

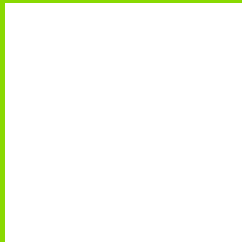
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 79, 92.516, 123.220

Background



This preview shows how black text looks on a background with the CIELCh color 79, 92.516, 123.220.



This preview shows how white text looks on a background with the CIELCh color 79, 92.516, 123.220.

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
79, 92.516, 123.220

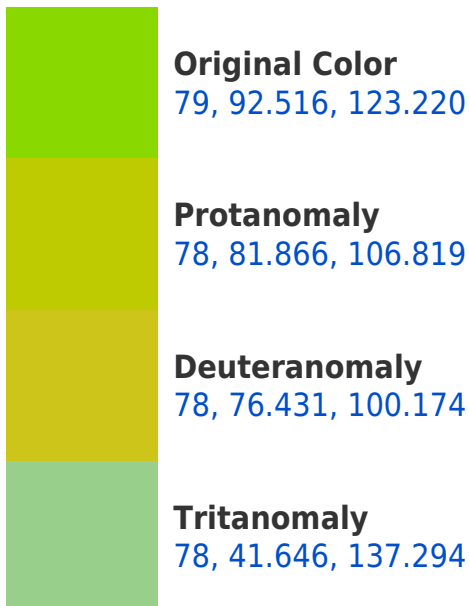
Protanopia
79, 80.031, 94.859

Deuteranopia
79, 74.336, 82.375



Tritanopia
79, 16.108, 230.800

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 79, 92.516, 123.220 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(137, 217, 1)` looks like.

```
.text, #text, p{  
    color:rgb(137, 217, 1)  
}
```

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(137, 217, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 217, 1) }
```

Border

The CSS property to change the border of an element to CIELCh 79, 92.516, 123.220 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(137, 217, 1) }
```

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

```
.border{ border-color:rgb(137, 217, 1) }
```

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

Here you see how a box with a 4 pixel rgb(137, 217, 1) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 217, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 217, 1);  
box-shadow:4px 4px 4px 4px rgb(137, 217,  
1) }
```

Background

The CSS property to change the background color of an element to CIELCh 79, 92.516, 123.220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 217, 1) }
```

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

```
.background{ background-color: rgb(137,  
217, 1) }
```

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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