

Converting Colors

CIELCh(78, 100.123, 132.752)

Have a look what the booklet for
CIELCh(78, 100.123, 132.752)
contains.

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Color

CIELCh(78, 100.302, 132.737)

Conversions

Conversions Part 1

Format	Color
Hex	4FDD14
RGB	79, 221, 20
RGB Percent	31%, 87%, 8%
CMY	0.6884, 0.1351, 0.9211
CMYK	0.64, 0.00, 0.91, 0.14
HSL	102°, 83%, 47%
HSV	102°, 91%, 86%
XYZ	29.1286, 53.2120, 9.4020
YIQ	155.6280, -20.1110, -92.6150

Conversions

Conversions Part 2

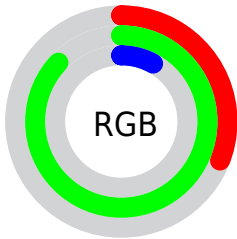
Format	Color
RYB	20, 221, 162
Decimal	5233940
CIELab	78.00, -68.07, 73.67
CIELCh	78, 100.302, 132.737
Yxy	53.2120, 0.3175, 0.5800
Android (android.graphics.Color)	4283424020 (0xFF4FDD14)
YUV	155.6280, -66.8646, -67.2028
Hunter-Lab	72.9466, -56.3788, 43.4208

Details

The CIELCh color **78, 100.302, 132.737** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **43, 104.269, 317.938**, and the grayscale version is **64, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 88.737, 131.703**, and **59, 86.085, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **78, 103.684, 133.368**, and if you desaturate by 10%, it is **79, 94.422, 132.380**.

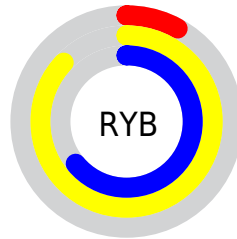
Distribution



Red (31%)

Green (87%)

Blue (8%)



Red (8%)

Yellow (87%)

Blue (64%)

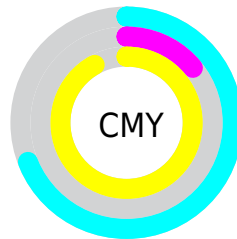


Cyan (64%)

Magenta (0%)

Yellow (91%)

Black (14%)



Cyan (69%)


Magenta (14%)


Yellow (92%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 100.302, 132.737 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 78, 100.302, 132.737 by changing the saturation by 10% instead.


 78, 100.302,
132.737


 78, 100.302,
132.737


 100, 100.302,
132.737


 68, 100.302,
132.737


 98, 100.302,
132.737

 58, 100.302,
132.737

 48, 100.302,
132.737

 38, 100.302,
132.737

 28, 100.302,
132.737

 18, 100.302,
132.737

 8, 100.302,

132.737

■ 0, 100.302,
132.737

■ 78, 100.302,
132.737

■ 78, 100.302,
132.737

■ 78, 103.684,
133.368

■ 79, 94.422,
132.380

■ 79, 86.195,
132.427

■ 80, 76.131,
132.760

■ 81, 64.781,
133.251

■ 82, 52.601,
133.807

■ 83, 39.933,
134.370

■ 85, 27.021,
134.906

■ 86, 14.042,
135.401

■ 88, 1.123, 135.998

Harmonies

Complementary

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



78, 100.302, 132.737



43, 104.269, 317.938

Rectangle

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



78, 100.302, 132.737



78, 100.302, 182.737



78, 100.302, 312.737



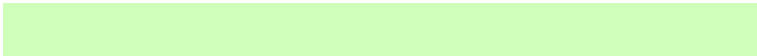
78, 100.302, 2.737

Sweetspot

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



78, 100.302, 132.738



95, 39.303, 134.570



70, 71.880, 80.514



50, 26.466, 134.382



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



78, 100.302, 132.738



88, 115.836, 133.468



77, 96.784, 139.765



45, 7.287, 135.470



62, 86.426, 133.164



16, 31.181, 134.415

Inverse Universe

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



43, 104.269, 317.938



48, 119.789, 317.305



51, 87.801, 337.308



43, 7.346, 316.239



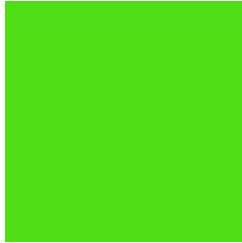
32, 89.592, 317.534



5, 32.848, 317.492

Previews

White Background



This preview shows how the CIELCh color 78, 100.302, 132.737 looks on a white background.

Color Contrast Check

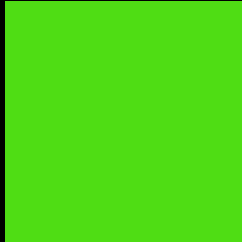
Large Text (above 18pt) WCAG AA × Fail

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 78, 100.302, 132.737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

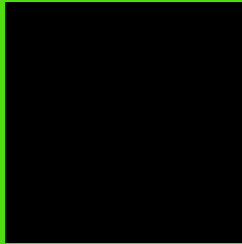
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

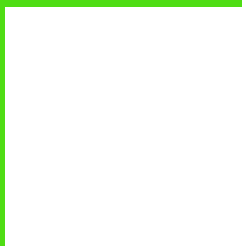
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 100.302, 132.737

Background



This preview shows how black text looks on a background with the CIELCh color 78, 100.302, 132.737.



This preview shows how white text looks on a background with the CIELCh color 78, 100.302, 132.737.

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

78, 100.548, 132.793

Protanopia

77, 79.067, 95.065

Deuteranopia

77, 70.453, 81.784



Tritanopia
78, 27.387, 217.290

Trichromacy



Original Color
78, 100.548, 132.793



Protanomaly
76, 82.378, 113.696



Deuteranomaly
76, 73.133, 107.852



Tritanomaly
77, 49.750, 154.444

Monochromacy



Original Color
78, 100.548, 132.793



Achromatopsia
64, 0.008, 296.813



Achromatomaly
68, 43.768, 134.004

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 100.302, 132.737 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(79, 221, 20)` looks like.

```
.text, #text, p{  
    color:rgb(79, 221, 20)  
}
```

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(79, 221, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 221, 20) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 100.302, 132.737 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(79, 221, 20) }
```

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

```
.border{ border-color:rgb(79, 221, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 221, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 221, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 221, 20);  
box-shadow:4px 4px 4px 4px rgb(79, 221,  
20) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 100.302, 132.737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 221, 20) }
```

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

```
.background{ background-color: rgb(79, 221,  
20) }
```

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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