

Converting Colors

CIELCh(78, 101.489, 137.730)

Have a look what the booklet for
CIELCh(78, 101.489, 137.730)
contains.

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Color

CIELCh(78, 101.528, 137.701)

Conversions

Conversions Part 1

Format	Color
Hex	1DDF2C
RGB	29, 223, 44
RGB Percent	11%, 87%, 17%
CMY	0.8864, 0.1255, 0.8275
CMYK	0.87, 0.00, 0.80, 0.13
HSL	125°, 77%, 49%
HSV	125°, 87%, 87%
XYZ	27.3450, 53.2120, 11.2113
YIQ	144.5880, -58.1650, -96.7970

Conversions

Conversions Part 2

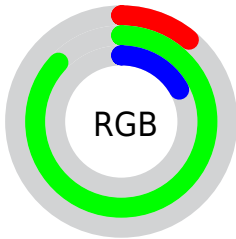
Format	Color
R_{YB}	29, 209, 223
Decimal	1957676
CIE Lab	78.00, -75.09, 68.33
CIE LCh	78, 101.528, 137.701
Yxy	53.2120, 0.2980, 0.5799
Android (android.graphics.Color)	4280147756 (0xFF1DDF2C)
YUV	144.5880, -49.5899, -101.3707
Hunter-Lab	72.9466, -60.7433, 41.9502

Details

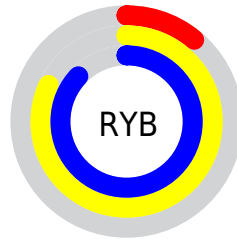
The CIELCh color **78, 101.528, 137.701** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **53, 95.745, 331.129**, and the grayscale version is **60, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 88.343, 137.974**, and **59, 86.858, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **78, 105.943, 136.741**, and if you desaturate by 10%, it is **78, 94.659, 138.908**.

Distribution



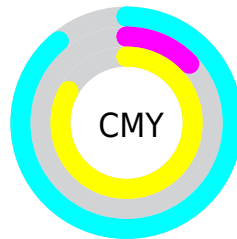
- Red (11%)
- Green (87%)
- Blue (17%)



- Red (11%)
- Yellow (82%)
- Blue (87%)



- Cyan (87%)
- Magenta (0%)
- Yellow (80%)
- Black (13%)





- Cyan (89%)
- Magenta (13%)
- Yellow (83%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 101.528, 137.701 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, 101.528, 137.701 by changing the saturation by 10% instead.


 78, 101.528,
137.701


 78, 101.528,
137.701


 100, 101.528,
137.701


 68, 101.528,
137.701


 98, 101.528,
137.701

 58, 101.528,
137.701

 48, 101.528,
137.701

 38, 101.528,
137.701

 28, 101.528,
137.701

 18, 101.528,
137.701

 8, 101.528,

137.701

■ 0, 101.528,
137.701

■ 78, 101.528,
137.701

■ 78, 101.528,
137.701

■ 78, 105.943,
136.741

■ 78, 94.659,
138.908

■ 78, 106.827,
136.555

■ 79, 85.651,
140.216

■ 80, 74.936,
141.506

■ 81, 62.951,
142.704

■ 82, 50.095,
143.774

■ 84, 36.714,
144.707

■ 85, 23.094,
145.512

■ 87, 9.460, 146.213

■ 89, 4.019, 326.688

Harmonies

Complementary

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



78, 101.528, 137.701



53, 95.745, 331.129

Rectangle

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



78, 101.528, 137.701



78, 101.528, 187.701



78, 101.528, 317.701



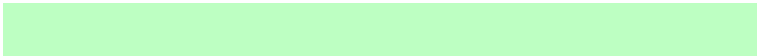
78, 101.528, 7.701

Sweetspot

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



78, 101.528, 137.702



94, 39.410, 144.777



85, 84.538, 106.856



50, 26.698, 144.470



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, 101.528, 137.702



88, 118.394, 136.494



79, 69.538, 155.377



46, 7.719, 146.048



63, 89.195, 136.695



16, 33.900, 140.792

Inverse Universe

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



53, 95.745, 331.129



59, 108.625, 331.647



49, 73.496, 3.223



44, 7.734, 327.114



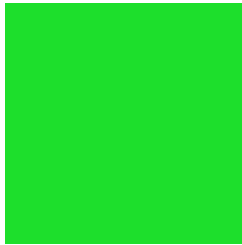
41, 82.351, 331.562



7, 34.107, 330.969

Previews

White Background



This preview shows how the CIELCh color 78, 101.528, 137.701 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, 101.528, 137.701 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, 101.528, 137.701

Background



This preview shows how black text looks on a background with the CIELCh color 78, 101.528, 137.701.

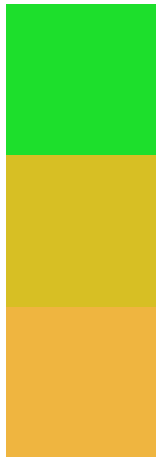


This preview shows how white text looks on a background with the CIELCh color 78, 101.528, 137.701.

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

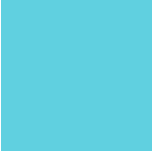
78, 101.528, 137.701

Protanopia

77, 73.177, 94.967

Deuteranopia

77, 65.374, 81.035



Tritanopia
78, 32.470, 212.770

Trichromacy



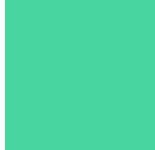
Original Color
78, 101.528, 137.701



Protanomaly
75, 79.627, 120.380



Deuteranomaly
75, 69.275, 115.599



Tritanomaly
77, 52.697, 162.502

Monochromacy



Original Color
78, 101.528, 137.701



Achromatopsia
60, 0.008, 296.813



Achromatomaly
65, 44.637, 143.322

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 101.528, 137.701 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(29, 223, 44)` looks like.

```
.text, #text, p{  
    color:rgb(29, 223, 44)  
}
```

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(29, 223, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 223, 44) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 101.528, 137.701 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(29, 223, 44) }
```

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

```
.border{ border-color:rgb(29, 223, 44) }
```

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

Here you see how a box with a 4 pixel rgb(29, 223, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 223, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 223, 44);  
box-shadow:4px 4px 4px 4px rgb(29, 223,  
44) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 101.528, 137.701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 223, 44) }
```

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

```
.background{ background-color: rgb(29, 223,  
44) }
```

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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