

Converting Colors

CIELCh(75, 91.176, 137.849)

Have a look what the booklet for
CIELCh(75, 91.176, 137.849)
contains.

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Color

CIELCh(75, 91.173, 137.898)

Conversions

Conversions Part 1

Format	Color
Hex	39D43A
RGB	57, 212, 58
RGB Percent	22%, 83%, 23%
CMY	0.7763, 0.1685, 0.7724
CMYK	0.73, 0.00, 0.73, 0.17
HSL	120°, 64%, 53%
HSV	120°, 73%, 83%
XYZ	26.0049, 48.2781, 11.9550
YIQ	148.0990, -42.9460, -80.7540

Conversions

Conversions Part 2

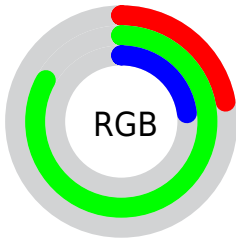
Format	Color
RYB	57, 211, 212
Decimal	3789882
CIELab	75.00, -67.65, 61.13
CIELCh	75, 91.173, 137.898
Yxy	48.2781, 0.3015, 0.5598
Android (android.graphics.Color)	4281979962 (0xFF39D43A)
YUV	148.0990, -44.4188, -79.8938
Hunter-Lab	69.4824, -54.7878, 38.4364

Details

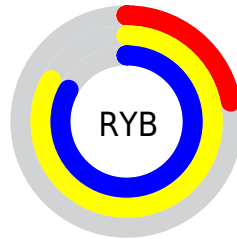
The CIELCh color **75, 91.173, 137.898** is a dark color, and the websafe version is hex **33CC33**. The color can be described as dark muted green. A complement of this color would be **54, 89.238, 328.064**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 83.326, 137.924**, and **56, 82.977, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **75, 98.187, 136.948**, and if you desaturate by 10%, it is **76, 81.847, 139.016**.

Distribution



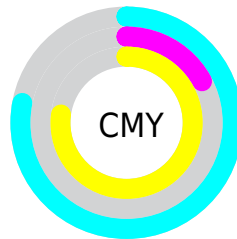
- Red (22%)
- Green (83%)
- Blue (23%)



- Red (22%)
- Yellow (83%)
- Blue (83%)



- Cyan (73%)
- Magenta (0%)
- Yellow (73%)
- Black (17%)





- Cyan (78%)
- Magenta (17%)
- Yellow (77%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 91.173, 137.898 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 75, 91.173, 137.898 by changing the saturation by 10% instead.


 75, 91.173,
137.898


 75, 91.173,
137.898


 100, 91.173,
137.898


 65, 91.173,
137.898


 95, 91.173,
137.898

 55, 91.173,
137.898

 45, 91.173,
137.898

 35, 91.173,
137.898

 25, 91.173,
137.898

 15, 91.173,
137.898

 5, 91.173, 137.898

0, 91.173, 137.898

75, 91.173,
137.898

75, 91.173,
137.898

75, 98.187,
136.948

76, 81.847,
139.016

74, 102.485,
136.306

76, 70.750,
140.165

74, 104.101,
136.060

78, 58.402,
141.253

79, 45.248,
142.233

80, 31.651,
143.090

82, 17.895,
143.830

■ 84, 4.196, 144.503

■ 86, 9.293, 324.936

■ 89, 22.467,
325.399

Harmonies

Complementary

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



75, 91.173, 137.898



54, 89.238, 328.064

Rectangle

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



75, 91.173, 137.898



75, 91.173, 187.898



75, 91.173, 317.898



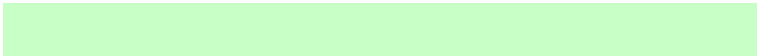
75, 91.173, 7.898

Sweetspot

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



75, 91.173, 137.899



95, 35.015, 143.159



83, 73.571, 103.741



50, 23.528, 142.939



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 91.173, 137.899



88, 116.127, 136.529



76, 63.356, 154.613



44, 7.802, 144.077



61, 88.601, 136.073



14, 32.061, 141.214

Inverse Universe

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



54, 89.238, 328.064



61, 112.202, 328.382



50, 65.971, 353.442



42, 7.814, 325.108



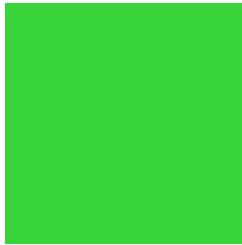
40, 85.181, 328.486



6, 32.800, 328.249

Previews

White Background



This preview shows how the CIELCh color 75, 91.173, 137.898 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 75, 91.173, 137.898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

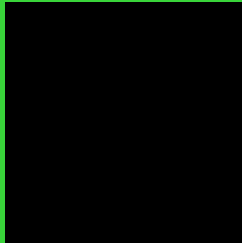
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

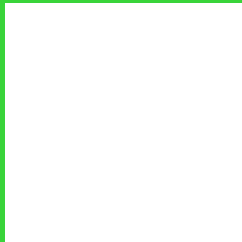
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 91.173, 137.898

Background



This preview shows how black text looks on a background with the CIELCh color 75, 91.173, 137.898.



This preview shows how white text looks on a background with the CIELCh color 75, 91.173, 137.898.

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
75, 91.173, 137.898

Protanopia
74, 65.726, 95.253

Deuteranopia
74, 58.823, 80.598



Tritanopia
75, 29.385, 214.737

Trichromacy



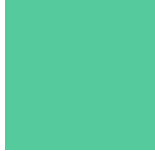
Original Color
75, 91.173, 137.898



Protanomaly
73, 70.625, 118.726



Deuteranomaly
73, 61.575, 113.180



Tritanomaly
74, 46.009, 163.411

Monochromacy



Original Color
75, 91.173, 137.898



Achromatopsia
61, 0.008, 296.813



Achromatomaly
65, 37.761, 142.143

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 91.173, 137.898 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(57, 212, 58)` looks like.

```
.text, #text, p{  
    color:rgb(57, 212, 58)  
}
```

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(57, 212, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 212, 58) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 91.173, 137.898 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(57, 212, 58) }
```

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

```
.border{ border-color:rgb(57, 212, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 212, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 212, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 212, 58);  
box-shadow:4px 4px 4px 4px rgb(57, 212,  
58) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 91.173, 137.898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 212, 58) }
```

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

```
.background{ background-color: rgb(57, 212,  
58) }
```

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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