

Converting Colors

CIELCh(70, 92.896, 138.828)

Have a look what the booklet for
CIELCh(70, 92.896, 138.828)
contains.

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Color

CIELCh(70, 92.716, 138.745)

Conversions

Conversions Part 1

Format	Color
Hex	02C62A
RGB	2, 198, 42
RGB Percent	1%, 78%, 16%
CMY	0.9924, 0.2220, 0.8335
CMYK	0.99, 0.00, 0.79, 0.22
HSL	132°, 98%, 39%
HSV	132°, 99%, 78%
XYZ	20.7335, 40.7494, 9.0051
YIQ	121.6120, -66.7400, -90.0680

Conversions

Conversions Part 2

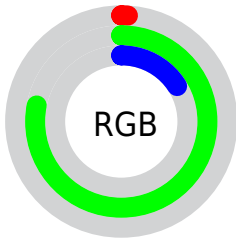
Format	Color
R_{YB}	2, 165, 198
Decimal	181802
CIE _{Lab}	70.00, -69.70, 61.14
CIE _{LCh}	70, 92.716, 138.745
Yxy	40.7494, 0.2941, 0.5781
Android (android.graphics.Color)	4278371882 (0xFF02C62A)
YUV	121.6120, -39.2487, -104.8997
Hunter-Lab	63.8353, -53.7354, 36.3207

Details

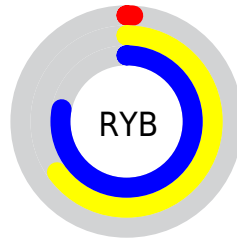
The CIELCh color **70, 92.716, 138.745** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **45, 81.411, 338.487**, and the grayscale version is **51, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 91.998, 138.743**, and **51, 77.464, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **70, 93.144, 138.613**, and if you desaturate by 10%, it is **70, 87.693, 140.330**.

Distribution



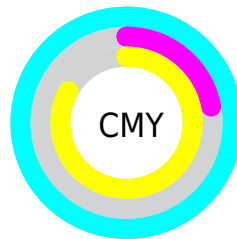
- Red (1%)
- Green (78%)
- Blue (16%)



- Red (1%)
- Yellow (65%)
- Blue (78%)



- Cyan (99%)
- Magenta (0%)
- Yellow (79%)
- Black (22%)





- Cyan (99%)
- Magenta (22%)
- Yellow (83%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 92.716, 138.745 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 70, 92.716, 138.745 by changing the saturation by 10% instead.


 70, 92.716,
138.745


 70, 92.716,
138.745


 100, 92.716,
138.745


 60, 92.716,
138.745


 90, 92.716,
138.745


 50, 92.716,
138.745

 40, 92.716,
138.745

 30, 92.716,
138.745

 20, 92.716,
138.745

 10, 92.716,
138.745

 0, 92.716, 138.745

■ 70, 92.716,
138.745

■ 70, 92.716,
138.745

■ 70, 93.144,
138.613

■ 70, 87.693,
140.330

■ 71, 81.193,
141.998

■ 71, 73.324,
143.604

■ 72, 64.297,
145.081

■ 73, 54.353,
146.401

■ 74, 43.739,
147.558

■ 75, 32.694,
148.562

■ 77, 21.428,

149.430

■ 78, 10.117,
150.191

Harmonies

Complementary

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



70, 92.716, 138.745



45, 81.411, 338.487

Rectangle

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



70, 92.716, 138.745



70, 92.716, 188.745



70, 92.716, 318.745



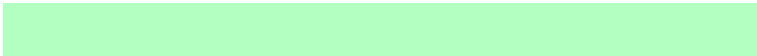
70, 92.716, 8.745

Sweetspot

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



70, 92.716, 138.746



94, 41.423, 148.427



75, 82.114, 114.693



49, 28.209, 148.007



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 92.716, 138.746



88, 113.185, 138.366



71, 58.303, 161.942



41, 6.376, 150.165



58, 80.112, 138.859



11, 24.037, 147.407

Inverse Universe

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



45, 81.411, 338.487



58, 98.214, 338.788



42, 72.316, 20.909



39, 6.397, 331.299



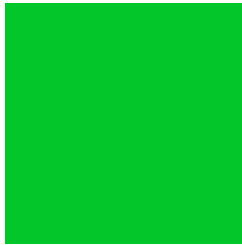
37, 70.644, 338.418



4, 22.324, 335.330

Previews

White Background



This preview shows how the CIELCh color 70, 92.716, 138.745 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 70, 92.716, 138.745 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 70, 92.716, 138.745

Background



This preview shows how black text looks on a background with the CIELCh color 70, 92.716, 138.745.



This preview shows how white text looks on a background with the CIELCh color 70, 92.716, 138.745.

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

70, 92.662, 138.706

Protanopia

69, 65.965, 95.157

Deuteranopia

69, 58.568, 81.134



Tritanopia
70, 30.251, 213.201

Trichromacy



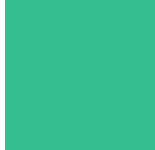
Original Color
70, 92.662, 138.706



Protanomaly
67, 72.678, 123.047



Deuteranomaly
67, 63.573, 119.276



Tritanomaly
69, 49.260, 164.189

Monochromacy



Original Color
70, 92.662, 138.706



Achromatopsia
51, 0.007, 296.813



Achromatomaly
56, 42.424, 146.719

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 92.716, 138.745 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(2, 198, 42)` looks like.

```
.text, #text, p{  
    color:rgb(2, 198, 42)  
}
```

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(2, 198, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 198, 42) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 92.716, 138.745 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(2, 198, 42) }
```

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

```
.border{ border-color:rgb(2, 198, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 198, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 198, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 198, 42);  
box-shadow:4px 4px 4px 4px rgb(2, 198, 42)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 70, 92.716, 138.745 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 198, 42) }
```

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

```
.background{ background-color: rgb(2, 198,  
42) }
```

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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