

Converting Colors

CIELCh(70, 93.610, 132.553)

Have a look what the booklet for
CIELCh(70, 93.610, 132.553)
contains.

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Color

CIELCh(70, 93.493, 132.492)

Conversions

Conversions Part 1

Format	Color
Hex	43C403
RGB	67, 196, 3
RGB Percent	26%, 77%, 1%
CMY	0.7366, 0.2308, 0.9867
CMYK	0.66, 0.00, 0.98, 0.23
HSL	100°, 97%, 39%
HSV	100°, 98%, 77%
XYZ	22.1166, 40.7494, 6.7966
YIQ	135.4270, -14.9310, -87.3710

Conversions

Conversions Part 2

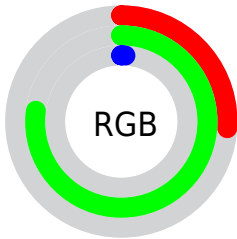
Format	Color
RYB	3, 196, 132
Decimal	4441091
CIELab	70.00, -63.15, 68.94
CIELCh	70, 93.493, 132.492
Yxy	40.7494, 0.3175, 0.5850
Android (android.graphics.Color)	4282631171 (0xFF43C403)
YUV	135.4270, -65.2865, -60.0105
Hunter-Lab	63.8353, -49.8681, 38.3720

Details

The CIELCh color **70, 93.493, 132.492** 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 **36, 98.308, 316.467**, and the grayscale version is **57, 0.007, 296.813**.

A 20% lighter version of the original color is **90, 93.581, 132.512**, and **51, 77.067, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **70, 94.081, 132.608**, and if you desaturate by 10%, it is **70, 89.546, 131.792**.

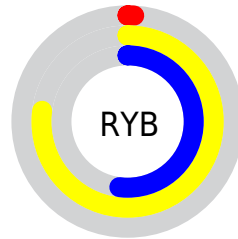
Distribution



Red (26%)

Green (77%)

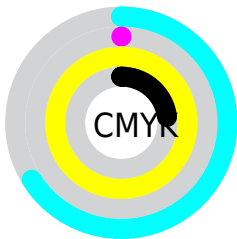
Blue (1%)



Red (1%)

Yellow (77%)

Blue (52%)

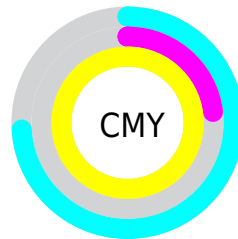


Cyan (66%)

Magenta (0%)

Yellow (98%)

Black (23%)



Cyan (74%)


Magenta (23%)


Yellow (99%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 93.493, 132.492 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, 93.493, 132.492 by changing the saturation by 10% instead.


 70, 93.493,
132.492


 70, 93.493,
132.492


 100, 93.493,
132.492

 60, 93.493,
132.492

 90, 93.493,
132.492

 50, 93.493,
132.492

 40, 93.493,
132.492

 30, 93.493,
132.492

 20, 93.493,
132.492

 10, 93.493,
132.492

 0, 93.493, 132.492

■ 70, 93.493,
132.492

■ 70, 93.493,
132.492

■ 70, 94.081,
132.608

■ 70, 89.546,
131.792

■ 71, 83.482,
131.496

■ 72, 75.465,
131.580

■ 72, 65.979,
131.915

■ 73, 55.495,
132.386

■ 74, 44.381,
132.913

■ 75, 32.907,
133.442

■ 77, 21.265,

133.947

■ 78, 9.594, 134.419

Harmonies

Complementary

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



70, 93.493, 132.492



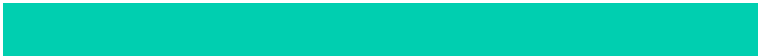
36, 98.308, 316.467

Rectangle

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



70, 93.493, 132.492



70, 93.493, 182.492



70, 93.493, 312.492



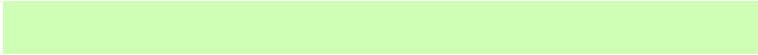
70, 93.493, 2.492

Sweetspot

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



70, 93.493, 132.493



95, 41.764, 133.380



60, 67.243, 75.916



50, 28.620, 133.152



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, 93.493, 132.493



89, 114.914, 132.817



69, 93.362, 138.048



40, 6.517, 134.368



58, 80.945, 132.407



10, 22.246, 137.344

Inverse Universe

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



36, 98.308, 316.467



47, 120.606, 316.208



45, 83.084, 336.086



38, 6.575, 315.118



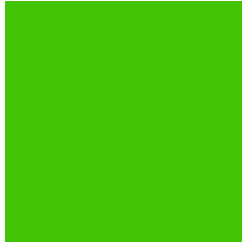
29, 85.206, 316.512



3, 21.011, 311.854

Previews

White Background



This preview shows how the CIELCh color 70, 93.493, 132.492 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, 93.493, 132.492 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

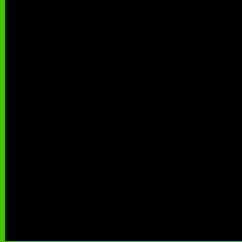
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 93.493, 132.492

Background



This preview shows how black text looks on a background with the CIELCh color 70, 93.493, 132.492.



This preview shows how white text looks on a background with the CIELCh color 70, 93.493, 132.492.

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





Tritanopia
70, 25.300, 216.792

Trichromacy



Original Color
70, 93.493, 132.492



Protanomaly
69, 76.159, 113.790



Deuteranomaly
68, 68.731, 108.473



Tritanomaly
69, 47.592, 152.622

Monochromacy



Original Color
70, 93.493, 132.492



Achromatopsia
57, 0.007, 296.813



Achromatomaly
60, 42.941, 132.700

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 93.493, 132.492 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(67, 196, 3)` looks like.

```
.text, #text, p{  
    color:rgb(67, 196, 3)  
}
```

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(67, 196, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 196, 3) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 93.493, 132.492 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(67, 196, 3) }
```

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

```
.border{ border-color:rgb(67, 196, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 196, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 196, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 196, 3);  
box-shadow:4px 4px 4px 4px rgb(67, 196, 3)  
}
```

Background

The CSS property to change the background color of an element to CIELCh 70, 93.493, 132.492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 196, 3) }
```

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

```
.background{ background-color: rgb(67, 196,  
3) }
```

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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