

Converting Colors

CIELCh(75, 95.953, 133.454)

Have a look what the booklet for
CIELCh(75, 95.953, 133.454)
contains.

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Color

CIELCh(75, 95.857, 133.432)

Conversions

Conversions Part 1

Format	Color
Hex	4AD31C
RGB	74, 211, 28
RGB Percent	29%, 83%, 11%
CMY	0.7085, 0.1715, 0.8885
CMYK	0.65, 0.00, 0.87, 0.17
HSL	105°, 76%, 47%
HSV	105°, 87%, 83%
XYZ	26.4266, 48.2781, 9.0512
YIQ	149.1750, -22.9090, -85.9570

Conversions

Conversions Part 2

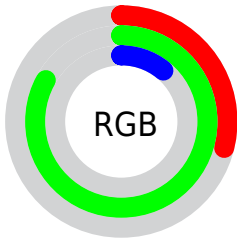
Format	Color
R_{YB}	28, 211, 165
Decimal	4903708
CIE _{Lab}	75.00, -65.90, 69.61
CIE _{LCh}	75, 95.857, 133.432
Yxy	48.2781, 0.3155, 0.5764
Android (android.graphics.Color)	4283093788 (0xFF4AD31C)
YUV	149.1750, -59.7393, -65.9285
Hunter-Lab	69.4824, -53.7046, 40.9143

Details

The CIELCh color **75, 95.857, 133.432** 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 **44, 98.266, 319.545**, and the grayscale version is **62, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 88.993, 132.948**, and **56, 82.586, 136.016** is the 20% darker color. If you saturate the color by 10%, you get **75, 100.147, 133.893**, and if you desaturate by 10%, it is **76, 89.112, 133.387**.

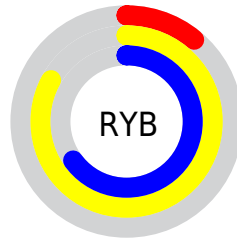
Distribution



Red (29%)

Green (83%)

Blue (11%)



Red (11%)

Yellow (83%)

Blue (65%)

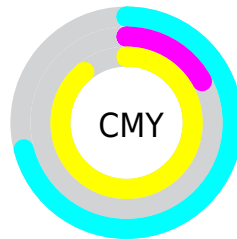


Cyan (65%)

Magenta (0%)

Yellow (87%)

Black (17%)



Cyan (71%)


Magenta (17%)


Yellow (89%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 95.857, 133.432 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, 95.857, 133.432 by changing the saturation by 10% instead.


 75, 95.857,
133.432


 75, 95.857,
133.432


 100, 95.857,
133.432


 65, 95.857,
133.432


 95, 95.857,
133.432

 55, 95.857,
133.432

 45, 95.857,
133.432

 35, 95.857,
133.432

 25, 95.857,
133.432

 15, 95.857,
133.432

 5, 95.857, 133.432

■ 0, 95.857, 133.432

■ 75, 95.857,
133.432

■ 75, 95.857,
133.432

■ 75, 100.147,
133.893

■ 76, 89.112,
133.387

■ 74, 101.271,
134.065

■ 76, 80.253,
133.678

■ 77, 69.820,
134.174

■ 78, 58.323,
134.765

■ 79, 46.158,
135.377

■ 80, 33.623,
135.964

■ 82, 20.931,
136.505

■ 84, 8.238, 137.002

■ 85, 4.344, 317.355

Harmonies

Complementary

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



75, 95.857, 133.432



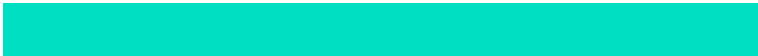
44, 98.266, 319.545

Rectangle

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



75, 95.857, 133.432



75, 95.857, 183.432



75, 95.857, 313.432



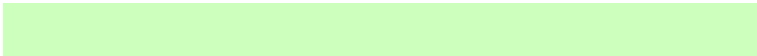
75, 95.857, 3.432

Sweetspot

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



75, 95.857, 133.433



95, 38.369, 135.978



69, 68.625, 84.294



50, 25.998, 135.778



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, 95.857, 133.433



88, 116.886, 134.182



74, 89.011, 141.447



43, 7.099, 136.863



60, 85.305, 133.888



13, 28.316, 136.825

Inverse Universe

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



44, 98.266, 319.545



50, 118.818, 318.789



49, 82.119, 338.662



41, 7.147, 317.645



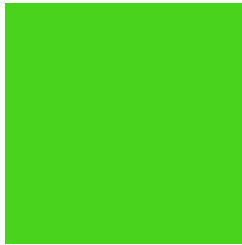
32, 86.943, 319.012



4, 28.823, 318.029

Previews

White Background



This preview shows how the CIE LCh color 75, 95.857, 133.432 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, 95.857, 133.432 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

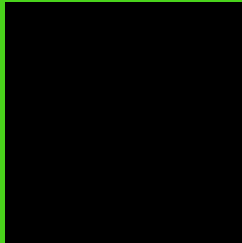
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 95.857, 133.432

Background



This preview shows how black text looks on a background with the CIELCh color 75, 95.857, 133.432.

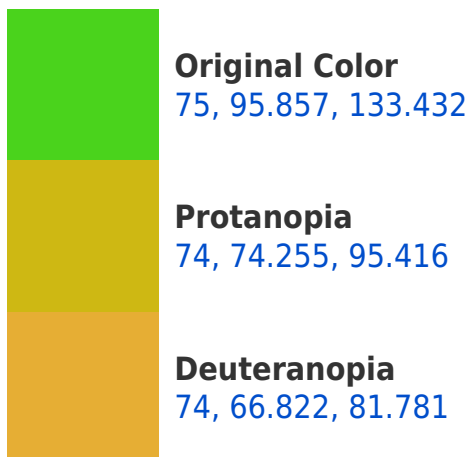


This preview shows how white text looks on a background with the CIELCh color 75, 95.857, 133.432.

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
75, 26.741, 215.434

Trichromacy



Original Color
75, 95.857, 133.432



Protanomaly
73, 78.079, 114.520



Deuteranomaly
73, 69.636, 108.963



Tritanomaly
74, 47.423, 155.811

Monochromacy



Original Color
75, 95.857, 133.432



Achromatopsia
62, 0.008, 296.813



Achromatomaly
65, 41.546, 135.188

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 95.857, 133.432 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(74, 211, 28)` looks like.

```
.text, #text, p{  
    color:rgb(74, 211, 28)  
}
```

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(74, 211, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 211, 28) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 95.857, 133.432 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(74, 211, 28) }
```

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

```
.border{ border-color:rgb(74, 211, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 211, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 211, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 211, 28);  
box-shadow:4px 4px 4px 4px rgb(74, 211,  
28) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 95.857, 133.432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 211, 28) }
```

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

```
.background{ background-color: rgb(74, 211,  
28) }
```

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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