

Converting Colors

CIELCh(75, 71.289, 120.244)

Have a look what the booklet for
CIELCh(75, 71.289, 120.244)
contains.

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Color

CIELCh(75, 71.332, 120.255)

Conversions

Conversions Part 1

Format	Color
Hex	98C83C
RGB	152, 200, 60
RGB Percent	60%, 78%, 24%
CMY	0.4041, 0.2159, 0.7649
CMYK	0.24, 0.00, 0.70, 0.22
HSL	81°, 56%, 51%
HSV	81°, 70%, 78%
XYZ	34.3937, 48.2781, 11.7729
YIQ	169.6880, 16.3320, -53.7160

Conversions

Conversions Part 2

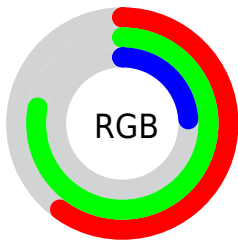
Format	Color
RYB	60, 200, 108
Decimal	10012732
CIELab	75.00, -35.94, 61.62
CIELCh	75, 71.332, 120.255
Yxy	48.2781, 0.3642, 0.5112
Android (android.graphics.Color)	4288202812 (0xFF98C83C)
YUV	169.6880, -54.0762, -15.5124
Hunter-Lab	69.4824, -33.2371, 38.5918

Details

The CIELCh color **75, 71.332, 120.255** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **39, 83.380, 308.385**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 70.508, 119.957**, and **55, 68.221, 121.580** is the 20% darker color. If you saturate the color by 10%, you get **74, 78.257, 120.411**, and if you desaturate by 10%, it is **76, 62.893, 120.412**.

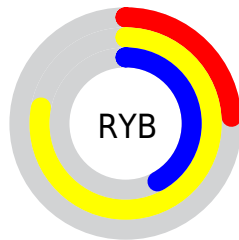
Distribution



Red (60%)

Green (78%)

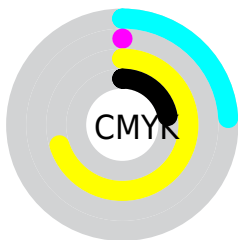
Blue (24%)



Red (24%)

Yellow (78%)

Blue (42%)

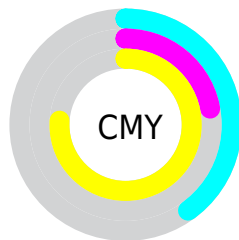


Cyan (24%)

Magenta (0%)

Yellow (70%)

Black (22%)



Cyan (40%)


Magenta (22%)


Yellow (76%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 71.332, 120.255 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, 71.332, 120.255 by changing the saturation by 10% instead.


 75, 71.332,
120.255


 75, 71.332,
120.255


 100, 71.332,
120.255


 65, 71.332,
120.255


 95, 71.332,
120.255

 55, 71.332,
120.255

 45, 71.332,
120.255

 35, 71.332,
120.255

 25, 71.332,
120.255

 15, 71.332,
120.255

 5, 71.332, 120.255

■ 0, 71.332, 120.255

■ 75, 71.332,
120.255

■ 75, 71.332,
120.255

■ 74, 78.257,
120.411

■ 76, 62.893,
120.412

■ 74, 83.217,
120.988

■ 76, 53.409,
120.769

■ 74, 86.308,
121.969

■ 77, 43.250,
121.242

■ 78, 32.680,
121.774

■ 79, 21.876,
122.327

■ 80, 10.959,
122.878

■ 81, 0.011, 129.420

■ 82, 10.911,
303.898

■ 83, 21.766,
304.371

Harmonies

Complementary

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



75, 71.332, 120.255



39, 83.380, 308.385

Rectangle

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



75, 71.332, 120.255



75, 71.332, 170.255



75, 71.332, 300.255



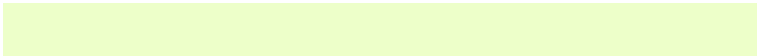
75, 71.332, 350.255

Sweetspot

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



75, 71.333, 120.257



98, 27.949, 122.256



55, 53.569, 51.533



52, 18.900, 122.101



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, 71.333, 120.257



92, 97.397, 120.651



72, 81.729, 135.379



42, 6.176, 122.913



61, 74.111, 121.742



12, 21.641, 124.826

Inverse Universe

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



39, 83.380, 308.385



42, 118.281, 309.061



48, 82.536, 322.408



39, 6.286, 303.913



22, 92.178, 309.019



2, 21.893, 300.792

Previews

White Background



This preview shows how the CIELCh color 75, 71.332, 120.255 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, 71.332, 120.255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

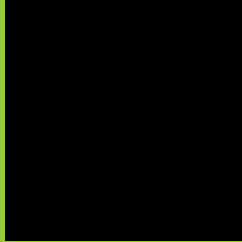
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 71.332, 120.255

Background



This preview shows how black text looks on a background with the CIELCh color 75, 71.332, 120.255.

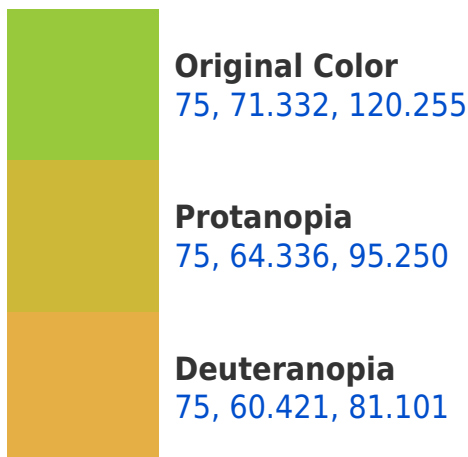


This preview shows how white text looks on a background with the CIELCh color 75, 71.332, 120.255.

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, 10.116, 252.524

Trichromacy



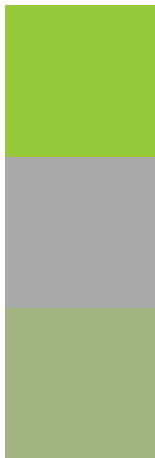
Original Color
75, 71.332, 120.255

Protanomaly
75, 65.417, 105.493

Deuteranomaly
74, 60.133, 97.190

Tritanomaly
75, 25.191, 134.444

Monochromacy



Original Color
75, 71.332, 120.255

Achromatopsia
70, 0.009, 296.813

Achromatomaly
71, 28.372, 122.279

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 71.332, 120.255 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(152, 200, 60)` looks like.

```
.text, #text, p{  
    color:rgb(152, 200, 60)  
}
```

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(152, 200, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 200, 60) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 71.332, 120.255 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(152, 200, 60) }
```

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

```
.border{ border-color:rgb(152, 200, 60) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 200, 60)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 200, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 200, 60);  
box-shadow:4px 4px 4px 4px rgb(152, 200,  
60) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 71.332, 120.255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 200, 60) }
```

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

```
.background{ background-color: rgb(152,  
200, 60) }
```

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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