

Converting Colors

CIELCh(75, 22.088, 130.019)

Have a look what the booklet for
CIELCh(75, 22.088, 130.019)
contains.

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Color

CIELCh(75, 21.955, 130.013)

Conversions

Conversions Part 1

Format	Color
Hex	AABF99
RGB	170, 191, 153
RGB Percent	67%, 75%, 60%
CMY	0.3322, 0.2498, 0.3989
CMYK	0.11, 0.00, 0.20, 0.25
HSL	93°, 23%, 68%
HSV	93°, 20%, 75%
XYZ	41.1088, 48.2781, 37.4119
YIQ	180.3890, -0.3180, -16.2700

Conversions

Conversions Part 2

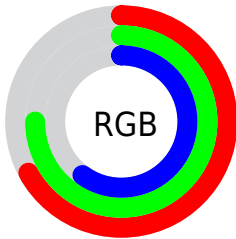
Format	Color
RYB	153, 191, 174
Decimal	11190169
CIELab	75.00, -14.12, 16.82
CIElCh	75, 21.955, 130.013
Yxy	48.2781, 0.3242, 0.3807
Android (android.graphics.Color)	4289380249 (0xFFAABF99)
YUV	180.3890, -13.5028, -9.1112
Hunter-Lab	69.4824, -15.9859, 16.7138

Details

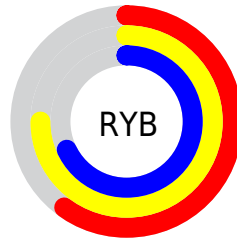
The CIELCh color **75, 21.955, 130.013** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **66, 22.484, 311.760**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 22.002, 130.085**, and **55, 22.090, 129.849** is the 20% darker color. If you saturate the color by 10%, you get **74, 32.958, 129.534**, and if you desaturate by 10%, it is **76, 10.891, 130.478**.

Distribution



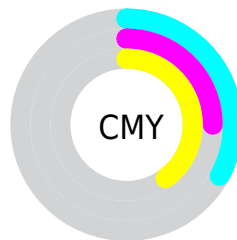
- Red (67%)
- Green (75%)
- Blue (60%)



- Red (60%)
- Yellow (75%)
- Blue (68%)



- Cyan (11%)
- Magenta (0%)
- Yellow (20%)
- Black (25%)





- Cyan (33%)
- Magenta (25%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 21.955, 130.013 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, 21.955, 130.013 by changing the saturation by 10% instead.


 75, 21.955,
130.013


 75, 21.955,
130.013


 100, 21.955,
130.013


 65, 21.955,
130.013


 95, 21.955,
130.013

 55, 21.955,
130.013

 45, 21.955,
130.013

 35, 21.955,
130.013

 25, 21.955,
130.013

 15, 21.955,
130.013

 5, 21.955, 130.013

0, 21.955, 130.013

75, 21.955,
130.013

75, 21.955,
130.013

74, 32.958,
129.534

76, 10.891,
130.478

73, 43.767,
129.052

77, 0.151, 310.022

72, 54.204,
128.605

79, 11.104,
311.267

71, 64.010,
128.252

80, 21.926,
311.622

71, 72.826,
128.081

82, 32.584,
311.936

70, 80.199,
128.210

83, 36.745,
315.724

■ 69, 85.684,
128.765

■ 84, 38.195,
320.901

■ 69, 89.343,
129.705

■ 85, 39.922,
325.752

■ 69, 89.387,
129.717

■ 85, 39.945,
325.811

Harmonies

Complementary

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



75, 21.955, 130.013



66, 22.484, 311.760

Rectangle

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



75, 21.955, 130.013



75, 21.955, 180.013



75, 21.955, 310.013



75, 21.955, 0.013

Sweetspot

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



75, 21.957, 130.015



97, 8.212, 130.650



72, 13.245, 78.096



52, 5.447, 130.620



99, 0.012, 296.813



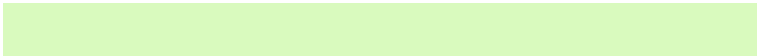
52, 0.007, 296.813

Same Dimension

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



75, 21.957, 130.015



95, 32.937, 129.799



74, 24.299, 144.531



40, 6.320, 130.501



59, 78.371, 129.509



11, 21.491, 134.184

Inverse Universe

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



66, 22.484, 311.760



82, 33.915, 311.978



68, 24.325, 326.906



38, 6.397, 311.273



26, 87.248, 313.280



2, 20.415, 307.264

Previews

White Background



This preview shows how the CIELCh color 75, 21.955, 130.013 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, 21.955, 130.013 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

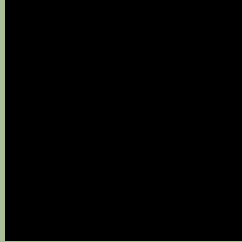
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 21.955, 130.013

Background



This preview shows how black text looks on a background with the CIELCh color 75, 21.955, 130.013.



This preview shows how white text looks on a background with the CIELCh color 75, 21.955, 130.013.

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](#).

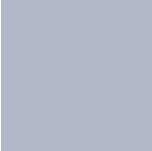
Dichromacy



Original Color
75, 21.955, 130.013

Protanopia
75, 18.771, 94.841

Deuteranopia
75, 18.168, 58.401



Tritanopia
75, 8.526, 271.507

Trichromacy



Original Color
75, 21.955, 130.013

Protanomaly
75, 19.272, 109.511

Deuteranomaly
75, 15.715, 86.448

Tritanomaly
75, 4.941, 173.204

Monochromacy



Original Color
75, 21.955, 130.013

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 8.156, 131.225

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 21.955, 130.013 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(170, 191, 153)` looks like.

```
.text, #text, p{  
    color:rgb(170, 191, 153)  
}
```

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(170, 191, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 191, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 21.955, 130.013 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(170, 191, 153) }
```

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

```
.border{ border-color:rgb(170, 191, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 191, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 191, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 191, 153);  
box-shadow:4px 4px 4px 4px rgb(170, 191,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 21.955, 130.013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 191, 153) }
```

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

```
.background{ background-color: rgb(170,  
191, 153) }
```

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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