

Converting Colors

CIELCh(75, 10.662, 128.643)

Have a look what the booklet for
CIELCh(75, 10.662, 128.643)
contains.

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Color

CIELCh(75, 10.924, 129.558)

Conversions

Conversions Part 1

Format	Color
Hex	B2BCA9
RGB	178, 188, 169
RGB Percent	70%, 74%, 66%
CMY	0.3021, 0.2628, 0.3374
CMYK	0.05, 0.00, 0.10, 0.26
HSL	92°, 12%, 70%
HSV	92°, 10%, 74%
XYZ	43.4883, 48.2781, 44.5476
YIQ	182.8440, 0.1390, -8.0290

Conversions

Conversions Part 2

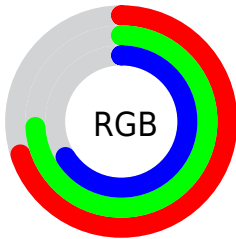
Format	Color
RYB	169, 188, 179
Decimal	11713705
CIELab	75.00, -6.96, 8.42
CIELCh	75, 10.924, 129.558
Yxy	48.2781, 0.3190, 0.3542
Android (android.graphics.Color)	4289903785 (0xFFB2BCA9)
YUV	182.8440, -6.8251, -4.2482
Hunter-Lab	69.4824, -9.8731, 10.6248

Details

The CIELCh color **75, 10.924, 129.558** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71, 11.075, 310.414**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 10.877, 128.718**, and **55, 11.085, 130.437** is the 20% darker color. If you saturate the color by 10%, you get **74, 21.758, 129.095**, and if you desaturate by 10%, it is **76, 0.109, 131.093**.

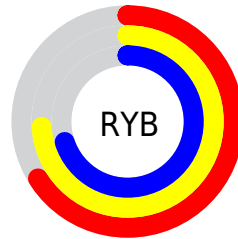
Distribution



Red (70%)

Green (74%)

Blue (66%)



Red (66%)

Yellow (74%)

Blue (70%)

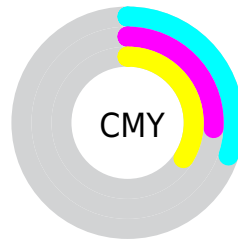


Cyan (5%)

Magenta (0%)

Yellow (10%)

Black (26%)



Cyan (30%)


Magenta (26%)


Yellow (34%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 10.924, 129.558 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, 10.924, 129.558 by changing the saturation by 10% instead.


 75, 10.924,
129.558


 75, 10.924,
129.558


 100, 10.924,
129.558


 65, 10.924,
129.558


 95, 10.924,
129.558

 55, 10.924,
129.558

 45, 10.924,
129.558

 35, 10.924,
129.558

 25, 10.924,
129.558

 15, 10.924,
129.558

 5, 10.924, 129.558

0, 10.924, 129.558

75, 10.924,
129.558

75, 10.924,
129.558

74, 21.758,
129.095

76, 0.109, 131.093

73, 32.520,
128.614

78, 10.631,
310.365

72, 43.088,
128.137

79, 21.251,
310.730

71, 53.285,
127.700

80, 31.720,
311.053

70, 62.858,
127.362

82, 38.110,
313.285

70, 71.455,
127.212

83, 39.304,
318.019

■ 69, 78.632,
127.369

■ 83, 40.738,
322.526

■ 68, 83.954,
127.956

■ 84, 42.019,
325.881

■ 68, 87.494,
128.910

Harmonies

Complementary

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



75, 10.924, 129.558



71, 11.075, 310.414

Rectangle

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



75, 10.924, 129.558



75, 10.924, 179.558



75, 10.924, 309.558



75, 10.924, 359.558

Sweetspot

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



75, 10.926, 129.561



96, 4.003, 129.895



73, 6.358, 75.913



51, 3.036, 129.853



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



75, 10.926, 129.561



95, 16.081, 129.466



74, 12.415, 144.311



39, 6.143, 129.596



58, 76.813, 128.697



9, 19.276, 133.910

Inverse Universe

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



71, 11.075, 310.414



88, 16.338, 310.512



71, 12.433, 325.420



37, 6.222, 310.379



25, 86.698, 312.650



2, 18.159, 305.906

Previews

White Background



This preview shows how the CIELCh color 75, 10.924, 129.558 looks on a white background.

Color Contrast Check

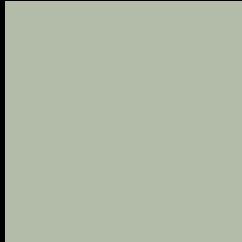
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 75, 10.924, 129.558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

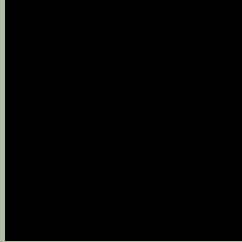
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

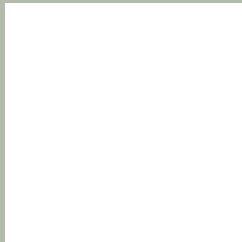
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 10.924, 129.558

Background



This preview shows how black text looks on a background with the CIELCh color 75, 10.924, 129.558.

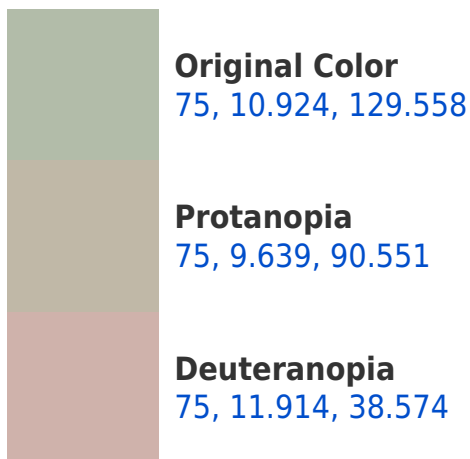



This preview shows how white text looks on a background with the CIELCh color 75, 10.924, 129.558.

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](#).

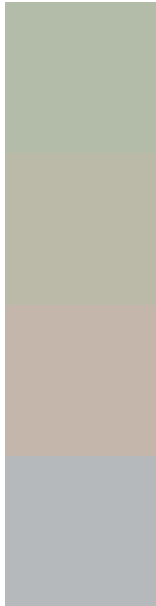
Dichromacy





Tritanopia
75, 7.585, 285.473

Trichromacy



Original Color
75, 10.924, 129.558

Protanomaly
75, 9.164, 104.484

Deuteranomaly
75, 8.418, 69.562

Tritanomaly
75, 1.813, 236.214

Monochromacy



Original Color
75, 10.924, 129.558

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 4.068, 131.402

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 10.924, 129.558 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(178, 188, 169)` looks like.

```
.text, #text, p{  
    color:rgb(178, 188, 169)  
}
```

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(178, 188, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 188, 169) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 10.924, 129.558 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(178, 188, 169) }
```

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

```
.border{ border-color:rgb(178, 188, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 188, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 188, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 188, 169);  
box-shadow:4px 4px 4px 4px rgb(178, 188,  
169) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 10.924, 129.558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 188, 169) }
```

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

```
.background{ background-color: rgb(178,  
188, 169) }
```

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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