

Converting Colors

CIELCh(75, 12.639, 120.573)

Have a look what the booklet for
CIELCh(75, 12.639, 120.573)
contains.

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Color

CIELCh(75, 13.170, 120.758)

Conversions

Conversions Part 1

Format	Color
Hex	B5BCA4
RGB	181, 188, 164
RGB Percent	71%, 74%, 64%
CMY	0.2915, 0.2640, 0.3581
CMYK	0.04, 0.00, 0.13, 0.26
HSL	78°, 15%, 69%
HSV	78°, 13%, 74%
XYZ	43.5634, 48.2781, 41.9921
YIQ	183.1710, 3.5320, -8.9480

Conversions

Conversions Part 2

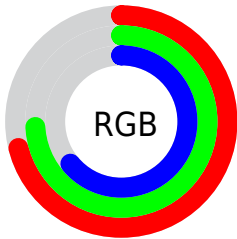
Format	Color
RYB	164, 188, 171
Decimal	11910308
CIELab	75.00, -6.74, 11.32
CIELCh	75, 13.170, 120.758
Yxy	48.2781, 0.3255, 0.3607
Android (android.graphics.Color)	4290100388 (0xFFB5BCA4)
YUV	183.1710, -9.4513, -1.9040
Hunter-Lab	69.4824, -9.6801, 12.8055

Details

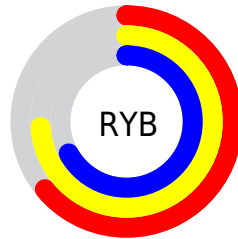
The CIELCh color **75, 13.170, 120.758** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69, 13.501, 302.272**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 13.043, 120.444**, and **55, 13.433, 121.028** is the 20% darker color. If you saturate the color by 10%, you get **74, 23.422, 120.170**, and if you desaturate by 10%, it is **76, 2.864, 121.352**.

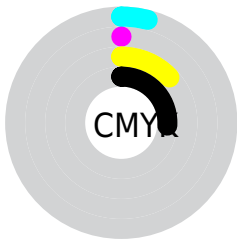
Distribution



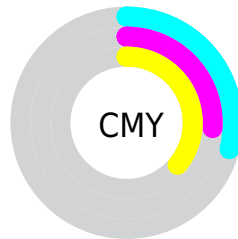
- Red (71%)
- Green (74%)
- Blue (64%)



- Red (64%)
- Yellow (74%)
- Blue (67%)



- Cyan (4%)
- Magenta (0%)
- Yellow (13%)
- Black (26%)





- Cyan (29%)
- Magenta (26%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 13.170, 120.758 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, 13.170, 120.758 by changing the saturation by 10% instead.


 75, 13.170,
120.758


 75, 13.170,
120.758


 100, 13.170,
120.758


 65, 13.170,
120.758


 95, 13.170,
120.758

 55, 13.170,
120.758

 45, 13.170,
120.758

 35, 13.170,
120.758

 25, 13.170,
120.758

 15, 13.170,
120.758

 5, 13.170, 120.758

■ 0, 13.170, 120.758

■ 75, 13.170,
120.758

■ 75, 13.170,
120.758

■ 74, 23.422,
120.170

■ 76, 2.864, 121.352

■ 73, 33.529,
119.583

■ 77, 7.444, 301.884

■ 73, 43.369,
119.026

■ 78, 17.709,
302.411

■ 72, 52.757,
118.540

■ 79, 27.903,
302.902

■ 72, 61.419,
118.188

■ 80, 36.696,
303.672

■ 71, 68.978,
118.052

■ 80, 37.047,
306.444

■ 81, 37.478,

■ 71, 74.976,
118.240

309.193

■ 70, 79.026,
118.851

■ 81, 37.989,
311.904

■ 70, 80.985,
119.496

■ 82, 38.578,
314.567

Harmonies

Complementary

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



75, 13.170, 120.758



69, 13.501, 302.272

Rectangle

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



75, 13.170, 120.758



75, 13.170, 170.758



75, 13.170, 300.758



75, 13.170, 350.758

Sweetspot

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



75, 13.172, 120.763



96, 5.109, 121.274



71, 7.638, 48.714



51, 3.631, 121.229



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, 13.172, 120.763



95, 19.171, 120.617



74, 14.826, 137.734



40, 5.865, 120.964



60, 71.257, 119.312



10, 17.924, 124.686

Inverse Universe

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



69, 13.501, 302.272



85, 19.741, 302.439



70, 14.933, 318.852



37, 5.976, 302.048



20, 90.844, 308.328



1, 17.655, 298.712

Previews

White Background



This preview shows how the CIELCh color 75, 13.170, 120.758 looks on a white background.

Color Contrast Check

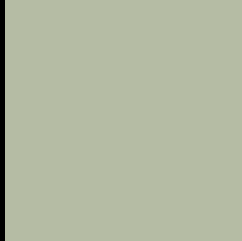
Large Text (above 18pt) WCAG AA × Fail

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, 13.170, 120.758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

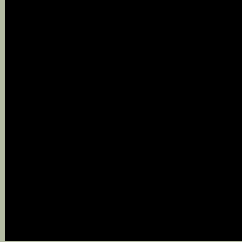
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

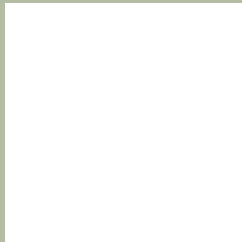
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 13.170, 120.758

Background



This preview shows how black text looks on a background with the CIELCh color 75, 13.170, 120.758.



This preview shows how white text looks on a background with the CIELCh color 75, 13.170, 120.758.

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, 13.170, 120.758

Protanopia

75, 12.329, 92.442

Deuteranopia

75, 13.850, 47.860



Tritanopia
75, 7.662, 299.023

Trichromacy



Original Color
75, 13.170, 120.758

Protanomaly
75, 11.912, 101.535

Deuteranomaly
75, 11.316, 73.304

Tritanomaly
75, 0.369, 200.787

Monochromacy



Original Color
75, 13.170, 120.758

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 4.983, 122.802

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 13.170, 120.758 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(181, 188, 164)` looks like.

```
.text, #text, p{  
    color:rgb(181, 188, 164)  
}
```

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(181, 188, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 188, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 13.170, 120.758 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(181, 188, 164) }
```

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

```
.border{ border-color:rgb(181, 188, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 188, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 188, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 188, 164);  
box-shadow:4px 4px 4px 4px rgb(181, 188,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 13.170, 120.758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 188, 164) }
```

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

```
.background{ background-color: rgb(181,  
188, 164) }
```

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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