

Converting Colors

CIELCh(75, 13.104, 121.865)

Have a look what the booklet for
CIELCh(75, 13.104, 121.865)
contains.

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Color

CIELCh(75, 13.260, 122.366)

Conversions

Conversions Part 1

Format	Color
Hex	B4BCA4
RGB	180, 188, 164
RGB Percent	71%, 74%, 64%
CMY	0.2946, 0.2632, 0.3573
CMYK	0.04, 0.00, 0.13, 0.26
HSL	80°, 15%, 69%
HSV	80°, 13%, 74%
XYZ	43.4404, 48.2781, 42.0938
YIQ	182.8720, 2.9360, -9.1600

Conversions

Conversions Part 2

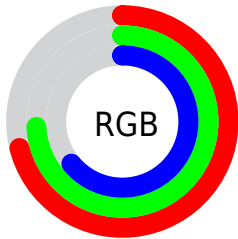
Format	Color
RYB	164, 188, 172
Decimal	11844772
CIELab	75.00, -7.10, 11.20
CIELCh	75, 13.260, 122.366
Yxy	48.2781, 0.3246, 0.3608
Android (android.graphics.Color)	4290034852 (0xFFB4BCA4)
YUV	182.8720, -9.3039, -2.5187
Hunter-Lab	69.4824, -9.9960, 12.7187

Details

The CIELCh color **75, 13.260, 122.366** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69, 13.576, 303.775**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 13.124, 121.987**, and **55, 13.535, 122.711** is the 20% darker color. If you saturate the color by 10%, you get **74, 23.601, 121.812**, and if you desaturate by 10%, it is **76, 2.873, 122.927**.

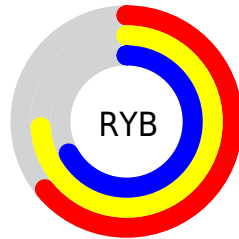
Distribution



Red (71%)

Green (74%)

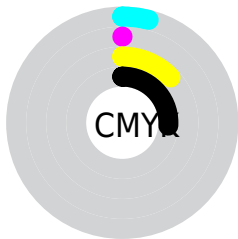
Blue (64%)



Red (64%)

Yellow (74%)

Blue (67%)

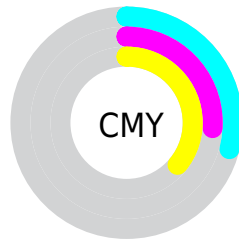


Cyan (4%)

Magenta (0%)

Yellow (13%)

Black (26%)



Cyan (29%)


Magenta (26%)


Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 13.260, 122.366 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, 13.260, 122.366 by changing the saturation by 10% instead.


 75, 13.260,
122.366


 75, 13.260,
122.366


 100, 13.260,
122.366


 65, 13.260,
122.366


 95, 13.260,
122.366

 55, 13.260,
122.366

 45, 13.260,
122.366

 35, 13.260,
122.366

 25, 13.260,
122.366

 15, 13.260,
122.366

 5, 13.260, 122.366

0, 13.260, 122.366

75, 13.260,
122.366

75, 13.260,
122.366

74, 23.601,
121.812

76, 2.873, 122.927

73, 33.804,
121.258

77, 7.506, 303.415

73, 43.747,
120.732

78, 17.833,
303.905

72, 53.244,
120.278

79, 28.077,
304.358

71, 62.023,
119.959

80, 36.761,
305.193

71, 69.706,
119.862

81, 37.220,
308.360

81, 37.785,

70, 75.839,
120.099

311.483

70, 80.036,
120.775

82, 38.452,
314.544

70, 82.105,
121.474

82, 39.220,
317.528

Harmonies

Complementary

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



75, 13.260, 122.366



69, 13.576, 303.775

Rectangle

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



75, 13.260, 122.366



75, 13.260, 172.366



75, 13.260, 302.366



75, 13.260, 352.366

Sweetspot

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



75, 13.262, 122.370



96, 5.142, 122.852



71, 7.584, 54.647



51, 3.654, 122.809



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, 13.262, 122.370



95, 19.303, 122.233



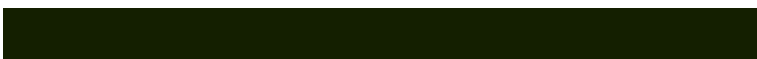
74, 15.056, 139.192



40, 5.904, 122.559



59, 72.166, 121.276



10, 18.163, 126.656

Inverse Universe

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



69, 13.576, 303.775



86, 19.847, 303.930



70, 15.140, 320.361



37, 6.010, 303.567



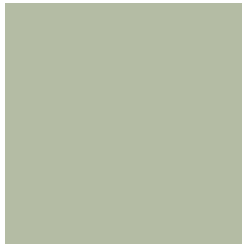
21, 90.178, 308.903



1, 17.714, 299.843

Previews

White Background



This preview shows how the CIELCh color 75, 13.260, 122.366 looks on a white background.

Color Contrast Check

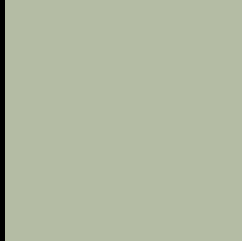
Large Text (above 18pt) WCAG AA × Fail

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, 13.260, 122.366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

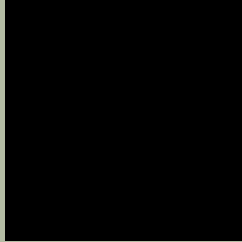
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

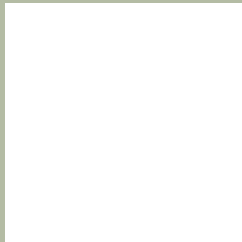
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 13.260, 122.366

Background



This preview shows how black text looks on a background with the CIELCh color 75, 13.260, 122.366.



This preview shows how white text looks on a background with the CIELCh color 75, 13.260, 122.366.

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, 13.260, 122.366

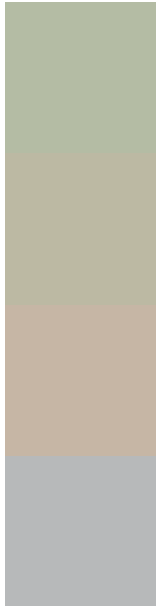
Protanopia
75, 12.329, 92.442

Deuteranopia
75, 13.850, 47.860



Tritanopia
75, 8.152, 296.011

Trichromacy



Original Color
75, 13.260, 122.366

Protanomaly
75, 11.870, 103.404

Deuteranomaly
75, 11.086, 74.951

Tritanomaly
75, 0.912, 236.331

Monochromacy



Original Color
75, 13.260, 122.366

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, 13.260, 122.366 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(180, 188, 164)` looks like.

```
.text, #text, p{  
    color:rgb(180, 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(180, 188, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 188, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 13.260, 122.366 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(180, 188, 164) }
```

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

```
.border{ border-color:rgb(180, 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(180, 188, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 188, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 188, 164);  
box-shadow:4px 4px 4px 4px rgb(180, 188,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 13.260, 122.366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 188, 164) }
```

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

```
.background{ background-color: rgb(180,  
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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