

Converting Colors

CIELCh(75, 12.978, 132.291)

Have a look what the booklet for
CIELCh(75, 12.978, 132.291)
contains.

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Color

CIELCh(75, 13.004, 133.205)

Conversions

Conversions Part 1

Format	Color
Hex	AFBDA7
RGB	175, 189, 167
RGB Percent	69%, 74%, 65%
CMY	0.3139, 0.2589, 0.3452
CMYK	0.07, 0.00, 0.12, 0.26
HSL	98°, 14%, 70%
HSV	98°, 12%, 74%
XYZ	42.8328, 48.2781, 43.6034
YIQ	182.3060, -1.2820, -9.8100

Conversions

Conversions Part 2

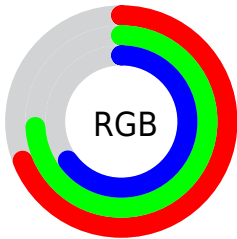
Format	Color
RYB	167, 189, 181
Decimal	11517351
CIELab	75.00, -8.90, 9.48
CIElCh	75, 13.004, 133.205
Yxy	48.2781, 0.3180, 0.3584
Android (android.graphics.Color)	4289707431 (0xFFAFBDA7)
YUV	182.3060, -7.5459, -6.4074
Hunter-Lab	69.4824, -11.5571, 11.4306

Details

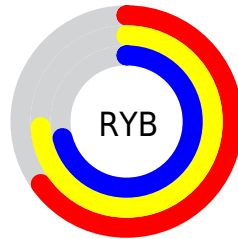
The CIELCh color **75, 13.004, 133.205** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70, 13.156, 314.158**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 12.844, 132.388**, and **55, 13.313, 134.027** is the 20% darker color. If you saturate the color by 10%, you get **74, 24.222, 132.735**, and if you desaturate by 10%, it is **76, 1.821, 133.707**.

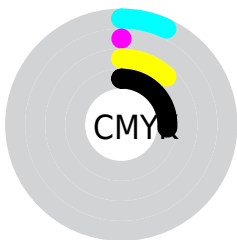
Distribution



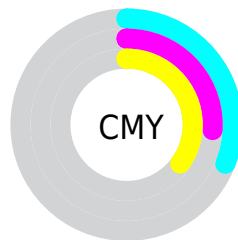
- Red (69%)
- Green (74%)
- Blue (65%)



- Red (65%)
- Yellow (74%)
- Blue (71%)



- Cyan (7%)
- Magenta (0%)
- Yellow (12%)
- Black (26%)





- Cyan (31%)
- Magenta (26%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 13.004, 133.205 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, 13.004, 133.205 by changing the saturation by 10% instead.


 75, 13.004,
133.205


 75, 13.004,
133.205


 100, 13.004,
133.205


 65, 13.004,
133.205


 95, 13.004,
133.205

 55, 13.004,
133.205

 45, 13.004,
133.205

 35, 13.004,
133.205

 25, 13.004,
133.205

 15, 13.004,
133.205

 5, 13.004, 133.205

0, 13.004, 133.205

75, 13.004,
133.205

75, 13.004,
133.205

74, 24.222,
132.735

76, 1.821, 133.707

73, 35.367,
132.234

78, 9.261, 313.988

72, 46.297,
131.723

79, 20.189,
314.336

71, 56.811,
131.238

81, 30.927,
314.637

70, 66.624,
130.839

83, 38.385,
316.805

69, 75.353,
130.619

84, 40.096,
322.406

84, 41.400,

■ 69, 82.531,
130.702

325.860

■ 68, 87.727,
131.206

■ 68, 90.709,
131.869

Harmonies

Complementary

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



75, 13.004, 133.205



70, 13.156, 314.158

Rectangle

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



75, 13.004, 133.205



75, 13.004, 183.205



75, 13.004, 313.205



75, 13.004, 3.205

Sweetspot

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



75, 13.006, 133.207



96, 4.114, 133.610



74, 8.123, 86.881



51, 3.120, 133.567



98, 0.011, 296.813



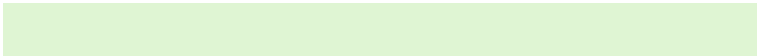
51, 0.007, 296.813

Same Dimension

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



75, 13.006, 133.207



94, 19.314, 133.088



75, 13.251, 147.596



39, 6.318, 133.312



57, 79.316, 131.674



9, 19.855, 136.901

Inverse Universe

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



70, 13.156, 314.158



87, 19.578, 314.272



71, 13.280, 328.968



37, 6.379, 314.058



27, 84.741, 315.561



2, 18.593, 310.005

Previews

White Background



This preview shows how the CIE LCh color 75, 13.004, 133.205 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, 13.004, 133.205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

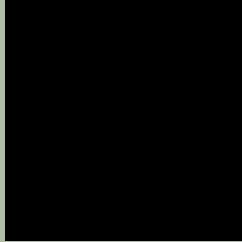
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

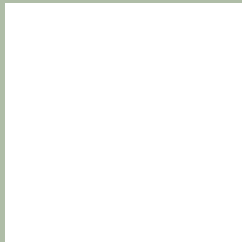
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 13.004, 133.205

Background



This preview shows how black text looks on a background with the CIELCh color 75, 13.004, 133.205.

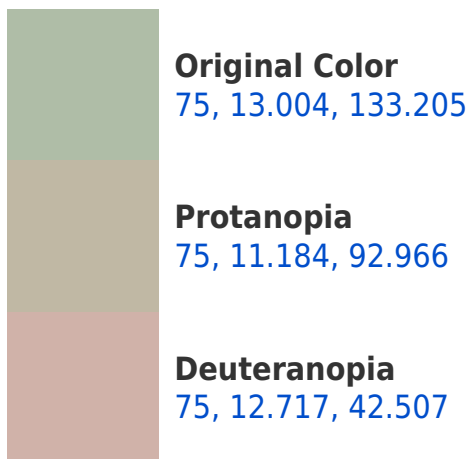


This preview shows how white text looks on a background with the CIELCh color 75, 13.004, 133.205.

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](#).

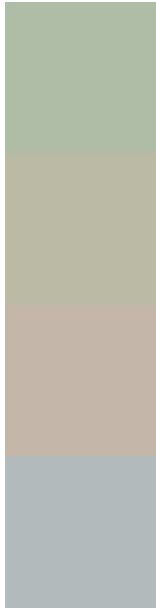
Dichromacy





Tritanopia
75, 8.203, 280.928

Trichromacy



Original Color
75, 13.004, 133.205

Protanomaly
75, 11.275, 109.098

Deuteranomaly
75, 9.284, 73.645

Tritanomaly
75, 2.967, 209.843

Monochromacy



Original Color
75, 13.004, 133.205

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 4.881, 137.149

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 13.004, 133.205 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(175, 189, 167)` looks like.

```
.text, #text, p{  
    color:rgb(175, 189, 167)  
}
```

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(175, 189, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 189, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 13.004, 133.205 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(175, 189, 167) }
```

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

```
.border{ border-color:rgb(175, 189, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 189, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 189, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 189, 167);  
box-shadow:4px 4px 4px 4px rgb(175, 189,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 13.004, 133.205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 189, 167) }
```

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

```
.background{ background-color: rgb(175,  
189, 167) }
```

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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