

Converting Colors

CIELCh(76, 13.125, 125.103)

Have a look what the booklet for
CIELCh(76, 13.125, 125.103)
contains.

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Color

CIELCh(76, 13.431, 125.509)

Conversions

Conversions Part 1

Format	Color
Hex	B5BFA7
RGB	181, 191, 167
RGB Percent	71%, 75%, 65%
CMY	0.2901, 0.2509, 0.3450
CMYK	0.05, 0.00, 0.13, 0.25
HSL	85°, 16%, 70%
HSV	85°, 13%, 75%
XYZ	44.6726, 49.8872, 43.8431
YIQ	185.2740, 1.7440, -9.5840

Conversions

Conversions Part 2

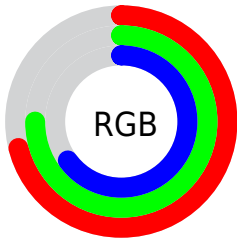
Format	Color
RYB	167, 191, 177
Decimal	11911079
CIELab	76.00, -7.80, 10.93
CIELCh	76, 13.431, 125.509
Yxy	49.8872, 0.3228, 0.3604
Android (android.graphics.Color)	4290101159 (0xFFB5BFA7)
YUV	185.2740, -9.0091, -3.7483
Hunter-Lab	70.6309, -10.7064, 12.6382

Details

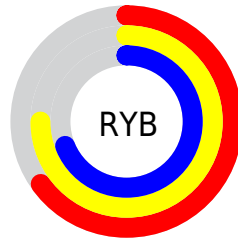
The CIELCh color **76, 13.431, 125.509** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70, 13.708, 306.730**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 13.284, 125.007**, and **56, 13.717, 125.993** is the 20% darker color. If you saturate the color by 10%, you get **75, 24.102, 125.007**, and if you desaturate by 10%, it is **77, 2.733, 126.021**.

Distribution



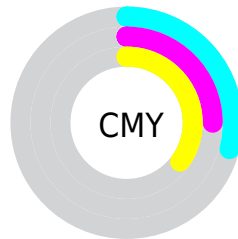
- Red (71%)
- Green (75%)
- Blue (65%)



- Red (65%)
- Yellow (75%)
- Blue (69%)



- Cyan (5%)
- Magenta (0%)
- Yellow (13%)
- Black (25%)





- Cyan (29%)
- Magenta (25%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 13.431, 125.509 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 76, 13.431, 125.509 by changing the saturation by 10% instead.


 76, 13.431,
125.509


 76, 13.431,
125.509


 100, 13.431,
125.509


 66, 13.431,
125.509


 96, 13.431,
125.509

 56, 13.431,
125.509

 46, 13.431,
125.509

 36, 13.431,
125.509

 26, 13.431,
125.509

 16, 13.431,
125.509

 6, 13.431, 125.509

■ 0, 13.431, 125.509

■ 76, 13.431,
125.509

■ 76, 13.431,
125.509

■ 75, 24.102,
125.007

■ 77, 2.733, 126.021

■ 74, 34.653,
124.499

■ 78, 7.934, 306.434

■ 73, 44.954,
124.016

■ 79, 18.524,
306.863

■ 73, 54.818,
123.598

■ 81, 29.006,
307.253

■ 72, 63.969,
123.312

■ 82, 35.553,
309.133

■ 71, 72.027,
123.252

■ 82, 36.341,
313.273

■ 83, 37.303,

■ 71, 78.534,
123.537

317.280

■ 70, 83.092,
124.279

■ 84, 38.431,
321.124

■ 70, 85.441,
125.059

■ 85, 39.714,
324.784

Harmonies

Complementary

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



76, 13.431, 125.509



70, 13.708, 306.730

Rectangle

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



76, 13.431, 125.509



76, 13.431, 175.509



76, 13.431, 305.509



76, 13.431, 355.509

Sweetspot

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



76, 13.433, 125.513



97, 5.263, 125.939



73, 7.651, 64.522



52, 3.773, 125.900



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



76, 13.433, 125.513



95, 19.780, 125.379



75, 15.413, 141.522



39, 5.996, 125.673



59, 74.133, 124.826



10, 18.650, 130.142

Inverse Universe

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



70, 13.708, 306.730



87, 20.268, 306.876



71, 15.462, 322.783



37, 6.091, 306.559



22, 88.723, 310.302



2, 17.866, 302.270

Previews

White Background



This preview shows how the CIELCh color 76, 13.431, 125.509 looks on a white background.

Color Contrast Check

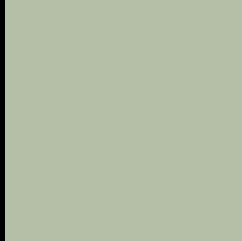
Large Text (above 18pt) WCAG AA × Fail

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 76, 13.431, 125.509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

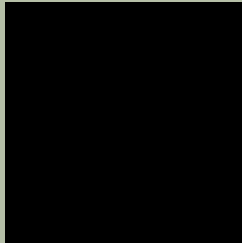
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

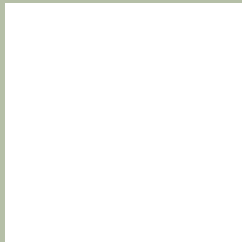
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 13.431, 125.509

Background



This preview shows how black text looks on a background with the CIELCh color 76, 13.431, 125.509.



This preview shows how white text looks on a background with the CIELCh color 76, 13.431, 125.509.

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](#).

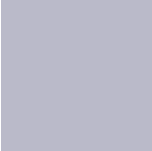
Dichromacy



Original Color
76, 13.431, 125.509

Protanopia
76, 12.291, 92.470

Deuteranopia
76, 13.909, 45.250



Tritanopia
76, 8.086, 290.938

Trichromacy



Original Color
76, 13.431, 125.509

Protanomaly
76, 11.834, 103.425

Deuteranomaly
76, 10.852, 71.757

Tritanomaly
76, 1.557, 219.872

Monochromacy



Original Color
76, 13.431, 125.509

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 4.973, 122.805

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 13.431, 125.509 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, 191, 167)` looks like.

```
.text, #text, p{  
    color:rgb(181, 191, 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(181, 191, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 191, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 13.431, 125.509 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, 191, 167) }
```

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

```
.border{ border-color:rgb(181, 191, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 191, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 191, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 191, 167);  
box-shadow:4px 4px 4px 4px rgb(181, 191,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 13.431, 125.509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 191, 167) }
```

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

```
.background{ background-color: rgb(181,  
191, 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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