

Converting Colors

CIELCh(76, 33.291, 115.307)

Have a look what the booklet for
CIELCh(76, 33.291, 115.307)
contains.

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Color

CIELCh(76, 33.078, 114.849)

Conversions

Conversions Part 1

Format	Color
Hex	B6C183
RGB	182, 193, 131
RGB Percent	71%, 76%, 51%
CMY	0.2852, 0.2420, 0.4852
CMYK	0.06, 0.00, 0.32, 0.24
HSL	71°, 33%, 64%
HSV	71°, 32%, 76%
XYZ	42.6028, 49.8872, 28.9497
YIQ	182.6430, 13.3460, -21.6140

Conversions

Conversions Part 2

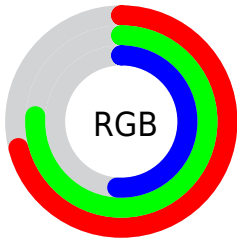
Format	Color
RYB	131, 193, 142
Decimal	11977091
CIELab	76.00, -13.90, 30.02
CIELCh	76, 33.078, 114.849
Yxy	49.8872, 0.3508, 0.4108
Android (android.graphics.Color)	4290167171 (0xFFB6C183)
YUV	182.6430, -25.4600, -0.5639
Hunter-Lab	70.6309, -15.9373, 25.1402

Details

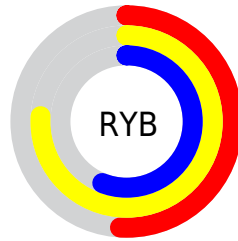
The CIELCh color **76, 33.078, 114.849** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **58, 35.598, 299.934**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 32.605, 114.384**, and **56, 33.225, 115.367** is the 20% darker color. If you saturate the color by 10%, you get **75, 42.976, 114.172**, and if you desaturate by 10%, it is **77, 22.903, 115.561**.

Distribution



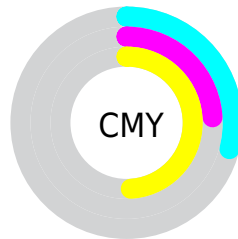
- Red (71%)
- Green (76%)
- Blue (51%)



- Red (51%)
- Yellow (76%)
- Blue (56%)



- Cyan (6%)
- Magenta (0%)
- Yellow (32%)
- Black (24%)





- Cyan (29%)
- Magenta (24%)
- Yellow (49%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 33.078, 114.849 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, 33.078, 114.849 by changing the saturation by 10% instead.


 76, 33.078,
114.849


 76, 33.078,
114.849


 100, 33.078,
114.849


 66, 33.078,
114.849


 96, 33.078,
114.849

 56, 33.078,
114.849

 46, 33.078,
114.849

 36, 33.078,
114.849

 26, 33.078,
114.849

 16, 33.078,
114.849

 6, 33.078, 114.849

■ 0, 33.078, 114.849

■ 76, 33.078,
114.849

■ 76, 33.078,
114.849

■ 75, 42.976,
114.172

■ 77, 22.903,
115.561

■ 75, 52.405,
113.558

■ 77, 12.571,
116.276

■ 75, 61.086,
113.060

■ 78, 2.166, 116.979

■ 74, 68.629,
112.749

■ 79, 8.257, 297.658

■ 74, 74.559,
112.710

■ 80, 18.656,
298.308

■ 74, 78.463,
113.023

■ 81, 29.005,
298.924

■ 81, 33.224,

■ 73, 80.335,
113.484

300.313

■ 81, 33.386,
302.239

■ 82, 33.583,
304.159

Harmonies

Complementary

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



76, 33.078, 114.849



58, 35.598, 299.934

Rectangle

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



76, 33.078, 114.849



76, 33.078, 164.849



76, 33.078, 294.849



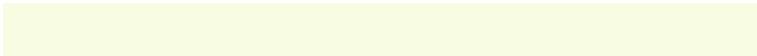
76, 33.078, 344.849

Sweetspot

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



76, 33.080, 114.852



98, 12.922, 116.412



64, 22.489, 36.010



53, 8.887, 116.311



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 33.080, 114.852



96, 49.605, 114.335



74, 36.847, 133.167



41, 5.911, 116.468



62, 70.012, 113.348



12, 19.029, 117.287

Inverse Universe

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



58, 35.598, 299.934



69, 54.517, 300.789



61, 37.862, 316.040



38, 6.035, 297.813



19, 93.456, 307.144



1, 19.586, 295.921

Previews

White Background



This preview shows how the CIELCh color 76, 33.078, 114.849 looks on a white background.

Color Contrast Check

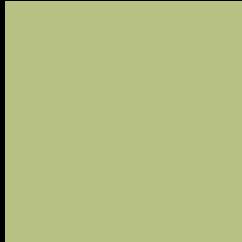
Large Text (above 18pt) WCAG AA × Fail

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, 33.078, 114.849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

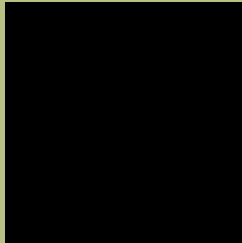
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

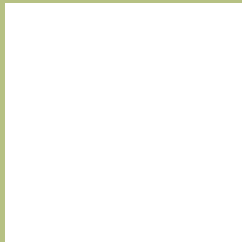
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 33.078, 114.849

Background



This preview shows how black text looks on a background with the CIELCh color 76, 33.078, 114.849.

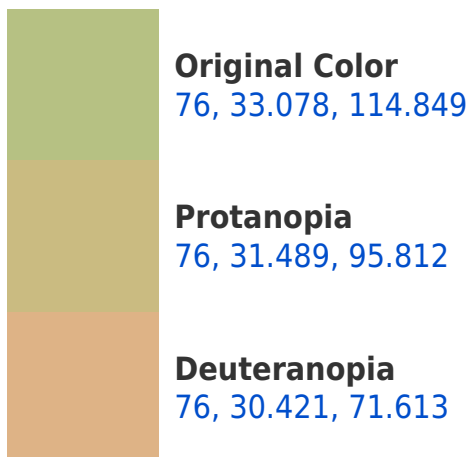



This preview shows how white text looks on a background with the CIELCh color 76, 33.078, 114.849.

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
76, 7.885, 306.859

Trichromacy



Original Color
76, 33.078, 114.849

Protanomaly
76, 31.399, 102.674

Deuteranomaly
76, 29.102, 87.530

Tritanomaly
76, 7.505, 109.462

Monochromacy



Original Color
76, 33.078, 114.849

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 12.448, 116.121

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 33.078, 114.849 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(182, 193, 131)` looks like.

```
.text, #text, p{  
    color:rgb(182, 193, 131)  
}
```

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(182, 193, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 193, 131) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 33.078, 114.849 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(182, 193, 131) }
```

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

```
.border{ border-color:rgb(182, 193, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 193, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 193, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 193, 131);  
box-shadow:4px 4px 4px 4px rgb(182, 193,  
131) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 33.078, 114.849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 193, 131) }
```

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

```
.background{ background-color: rgb(182,  
193, 131) }
```

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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