

Converting Colors

CIELCh(76, 24.728, 123.208)

Have a look what the booklet for
CIELCh(76, 24.728, 123.208)
contains.

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Color

CIELCh(76, 24.881, 123.499)

Conversions

Conversions Part 1

Format	Color
Hex	B1C295
RGB	177, 194, 149
RGB Percent	69%, 76%, 58%
CMY	0.3073, 0.2406, 0.4170
CMYK	0.09, 0.00, 0.23, 0.24
HSL	83°, 27%, 67%
HSV	83°, 23%, 76%
XYZ	42.6589, 49.8872, 35.6700
YIQ	183.7870, 4.3130, -17.5990

Conversions

Conversions Part 2

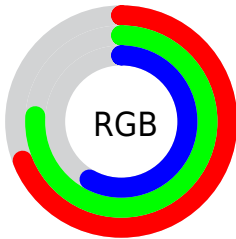
Format	Color
RYB	149, 194, 166
Decimal	11649685
CIELab	76.00, -13.73, 20.75
CIELCh	76, 24.881, 123.499
Yxy	49.8872, 0.3327, 0.3891
Android (android.graphics.Color)	4289839765 (0xFFB1C295)
YUV	183.7870, -17.1500, -5.9522
Hunter-Lab	70.6309, -15.7955, 19.4990

Details

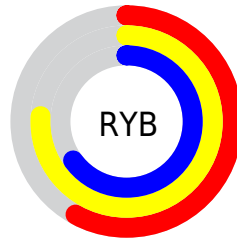
The CIELCh color **76, 24.881, 123.499** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **64, 25.904, 306.000**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 25.293, 123.593**, and **56, 24.621, 123.301** is the 20% darker color. If you saturate the color by 10%, you get **75, 35.436, 122.975**, and if you desaturate by 10%, it is **77, 14.193, 124.030**.

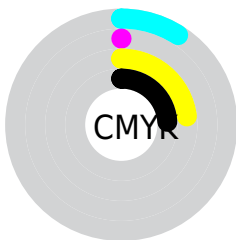
Distribution



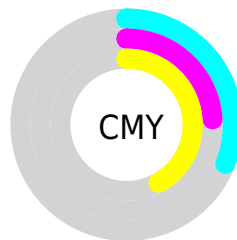
- Red (69%)
- Green (76%)
- Blue (58%)



- Red (58%)
- Yellow (76%)
- Blue (65%)



- Cyan (9%)
- Magenta (0%)
- Yellow (23%)
- Black (24%)



- Cyan (31%)
- Magenta (24%)
- Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 24.881, 123.499 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, 24.881, 123.499 by changing the saturation by 10% instead.

 76, 24.881,
123.499

 76, 24.881,
123.499

 100, 24.881,
123.499

 66, 24.881,
123.499

 96, 24.881,
123.499

 56, 24.881,
123.499

 46, 24.881,
123.499

 36, 24.881,
123.499

 26, 24.881,
123.499

 16, 24.881,
123.499

 6, 24.881, 123.499

■ 0, 24.881, 123.499

■ 76, 24.881,
123.499

■ 76, 24.881,
123.499

■ 75, 35.436,
122.975

■ 77, 14.193,
124.030

■ 74, 45.721,
122.477

■ 78, 3.459, 124.556

■ 74, 55.542,
122.053

■ 79, 7.257, 305.008

■ 80, 17.909,
305.466

■ 73, 64.613,
121.767

■ 81, 28.464,
305.886

■ 72, 72.541,
121.715

■ 82, 33.904,
308.149

■ 72, 78.859,
122.014

■ 83, 34.600,

■ 71, 83.181,
122.771

312.152

■ 71, 85.216,
123.475

■ 84, 35.451,
316.036

■ 84, 36.452,
319.774

Harmonies

Complementary

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



76, 24.881, 123.499



64, 25.904, 306.000

Rectangle

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



76, 24.881, 123.499



76, 24.881, 173.499



76, 24.881, 303.499



76, 24.881, 353.499

Sweetspot

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



76, 24.883, 123.501



98, 9.307, 124.349



70, 14.670, 57.734



53, 6.098, 124.317



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, 24.883, 123.501



96, 37.124, 123.225



75, 28.448, 139.505



41, 6.084, 124.232



60, 74.074, 123.254



11, 20.222, 127.552

Inverse Universe

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



64, 25.904, 306.000



78, 39.035, 306.341



66, 28.644, 321.843



38, 6.186, 305.173



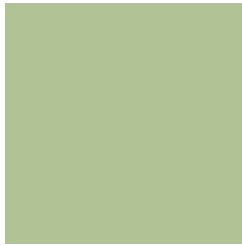
22, 90.491, 309.594



2, 19.878, 301.369

Previews

White Background



This preview shows how the CIELCh color 76, 24.881, 123.499 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, 24.881, 123.499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

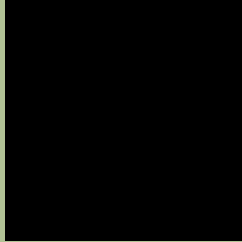
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

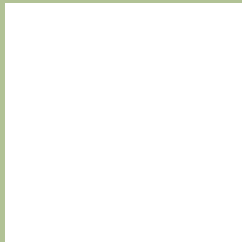
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 24.881, 123.499

Background



This preview shows how black text looks on a background with the CIELCh color 76, 24.881, 123.499.

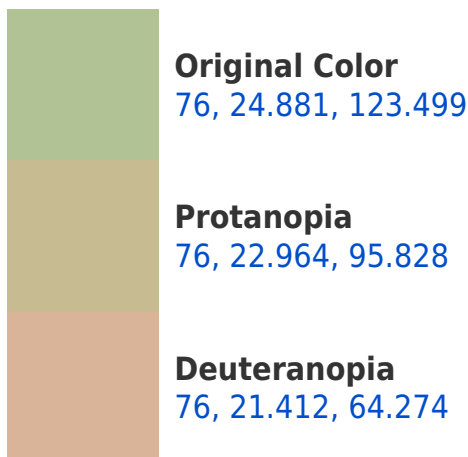


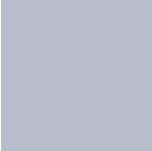
This preview shows how white text looks on a background with the CIELCh color 76, 24.881, 123.499.

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](#).

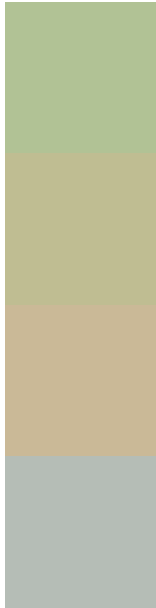
Dichromacy





Tritanopia
76, 7.598, 282.780

Trichromacy



Original Color
76, 24.881, 123.499

Protanomaly
76, 22.940, 105.993

Deuteranomaly
76, 19.483, 87.907

Tritanomaly
76, 4.818, 147.851

Monochromacy



Original Color
76, 24.881, 123.499

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 8.913, 124.167

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 24.881, 123.499 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(177, 194, 149)` looks like.

```
.text, #text, p{  
    color:rgb(177, 194, 149)  
}
```

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(177, 194, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 194, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 24.881, 123.499 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(177, 194, 149) }
```

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

```
.border{ border-color:rgb(177, 194, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 194, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 194, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 194, 149);  
box-shadow:4px 4px 4px 4px rgb(177, 194,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 24.881, 123.499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 194, 149) }
```

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

```
.background{ background-color: rgb(177,  
194, 149) }
```

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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