

Converting Colors

CIELCh(76, 24.717, 130.969)

Have a look what the booklet for
CIELCh(76, 24.717, 130.969)
contains.

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Color

CIELCh(76, 24.936, 130.890)

Conversions

Conversions Part 1

Format	Color
Hex	AAC398
RGB	170, 195, 152
RGB Percent	67%, 76%, 60%
CMY	0.3330, 0.2350, 0.4036
CMYK	0.13, 0.00, 0.22, 0.23
HSL	95°, 26%, 68%
HSV	95°, 22%, 77%
XYZ	41.7986, 49.8872, 37.1630
YIQ	182.6230, -1.0970, -18.6730

Conversions

Conversions Part 2

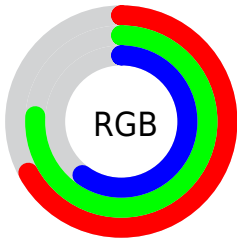
Format	Color
RYB	152, 195, 177
Decimal	11191192
CIELab	76.00, -16.32, 18.85
CIELCh	76, 24.936, 130.890
Yxy	49.8872, 0.3244, 0.3872
Android (android.graphics.Color)	4289381272 (0xFFAAC398)
YUV	182.6230, -15.0971, -11.0704
Hunter-Lab	70.6309, -17.9696, 18.2457

Details

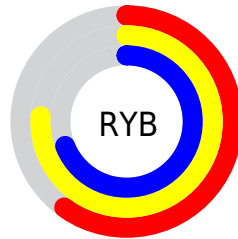
The CIELCh color **76, 24.936, 130.890** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **66, 25.554, 312.821**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 25.310, 130.508**, and **56, 24.736, 131.240** is the 20% darker color. If you saturate the color by 10%, you get **75, 36.180, 130.404**, and if you desaturate by 10%, it is **77, 13.609, 131.360**.

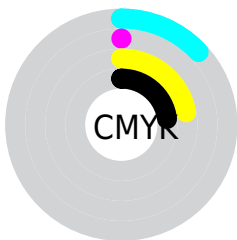
Distribution



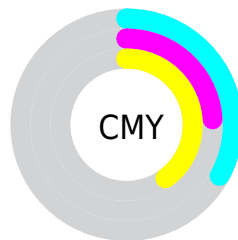
- Red (67%)
- Green (76%)
- Blue (60%)



- Red (60%)
- Yellow (76%)
- Blue (69%)



- Cyan (13%)
- Magenta (0%)
- Yellow (22%)
- Black (23%)





- Cyan (33%)
- Magenta (24%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 24.936, 130.890 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, 24.936, 130.890 by changing the saturation by 10% instead.


 76, 24.936,
130.890

 76, 24.936,
130.890


 100, 24.936,
130.890


 66, 24.936,
130.890


 96, 24.936,
130.890

 56, 24.936,
130.890

 46, 24.936,
130.890

 36, 24.936,
130.890

 26, 24.936,
130.890

 16, 24.936,
130.890

 6, 24.936, 130.890

■ 0, 24.936, 130.890

■ 76, 24.936,
130.890

■ 76, 24.936,
130.890

■ 75, 36.180,
130.404

■ 77, 13.609,
131.360

■ 74, 47.193,
129.917

■ 79, 2.296, 131.841

■ 73, 57.775,
129.471

■ 80, 8.932, 312.154

■ 72, 67.636,
129.129

■ 81, 20.023,
312.513

■ 71, 76.383,
128.989

■ 83, 30.942,
312.827

■ 71, 83.541,
129.174

■ 84, 34.932,
317.328

■ 85, 36.633,

■ 70, 88.681,
129.801

323.087

■ 70, 91.507,
130.541

■ 86, 37.581,
325.730

Harmonies

Complementary

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



76, 24.936, 130.890



66, 25.554, 312.821

Rectangle

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



76, 24.936, 130.890



76, 24.936, 180.890



76, 24.936, 310.890



76, 24.936, 0.890

Sweetspot

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



76, 24.938, 130.892



98, 9.734, 131.584



73, 15.171, 79.440



53, 6.378, 131.556



0, 0.000, 0.000



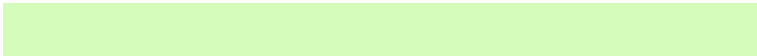
53, 0.007, 296.813

Same Dimension

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



76, 24.938, 130.892



95, 36.245, 130.681



75, 27.085, 144.829



40, 6.366, 131.482



59, 79.048, 130.318



10, 21.687, 135.048

Inverse Universe

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



66, 25.554, 312.821



81, 37.327, 313.026



68, 27.115, 327.521



38, 6.438, 312.241



26, 86.721, 314.025



2, 20.542, 308.356

Previews

White Background



This preview shows how the CIELCh color 76, 24.936, 130.890 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 76, 24.936, 130.890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

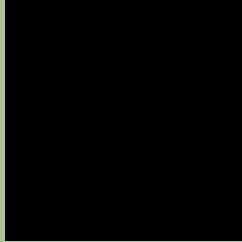
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 24.936, 130.890

Background



This preview shows how black text looks on a background with the CIELCh color 76, 24.936, 130.890.

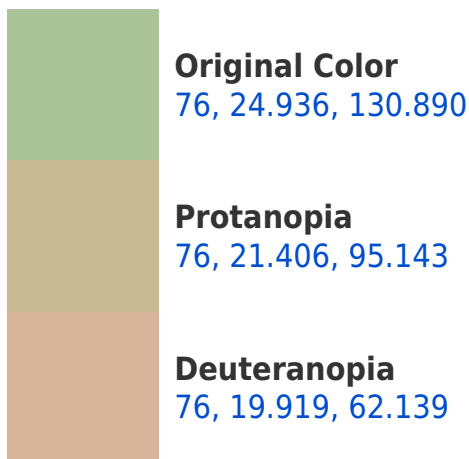


This preview shows how white text looks on a background with the CIELCh color 76, 24.936, 130.890.

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, 8.743, 267.129

Trichromacy



Original Color
76, 24.936, 130.890

Protanomaly
76, 21.875, 110.190

Deuteranomaly
76, 17.545, 90.025

Tritanomaly
76, 7.023, 166.498

Monochromacy



Original Color
76, 24.936, 130.890

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 8.786, 132.167

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 24.936, 130.890 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(170, 195, 152)` looks like.

```
.text, #text, p{  
    color:rgb(170, 195, 152)  
}
```

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(170, 195, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 195, 152) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 24.936, 130.890 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(170, 195, 152) }
```

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

```
.border{ border-color:rgb(170, 195, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 195, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 195, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 195, 152);  
box-shadow:4px 4px 4px 4px rgb(170, 195,  
152) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 24.936, 130.890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 195, 152) }
```

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

```
.background{ background-color: rgb(170,  
195, 152) }
```

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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