

Converting Colors

CIELCh(76, 11.591, 126.111)

Have a look what the booklet for
CIELCh(76, 11.591, 126.111)
contains.

CIELCh(76, 11.779, 126.024)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(76, 11.779, 126.024)

Conversions

Conversions Part 1

Format	Color
Hex	B6BFAA
RGB	182, 191, 170
RGB Percent	71%, 75%, 67%
CMY	0.2877, 0.2524, 0.3348
CMYK	0.05, 0.00, 0.11, 0.25
HSL	86°, 14%, 71%
HSV	86°, 11%, 75%
XYZ	44.9745, 49.8872, 45.1079
YIQ	185.9150, 1.3770, -8.4390

Conversions

Conversions Part 2

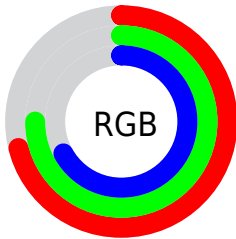
Format	Color
RYB	170, 191, 179
Decimal	11976618
CIELab	76.00, -6.93, 9.53
CIELCh	76, 11.779, 126.024
Yxy	49.8872, 0.3213, 0.3564
Android (android.graphics.Color)	4290166698 (0xFFB6BFAA)
YUV	185.9150, -7.8461, -3.4335
Hunter-Lab	70.6309, -9.9436, 11.5766

Details

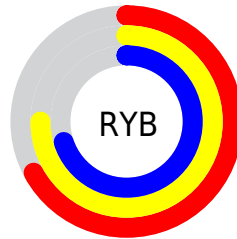
The CIELCh color $76, 11.779, 126.024$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $71, 11.991, 307.068$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $96, 11.709, 125.406$, and $56, 11.967, 126.653$ is the 20% darker color. If you saturate the color by 10%, you get $75, 22.472, 125.530$, and if you desaturate by 10%, it is $77, 1.074, 126.578$.

Distribution



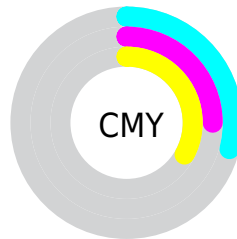
- Red (71%)
- Green (75%)
- Blue (67%)



- Red (67%)
- Yellow (75%)
- Blue (70%)



- Cyan (5%)
- Magenta (0%)
- Yellow (11%)
- Black (25%)





- Cyan (29%)
- Magenta (25%)
- Yellow (33%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 11.779, 126.024 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, 11.779, 126.024 by changing the saturation by 10% instead.


 76, 11.779,
126.024


 76, 11.779,
126.024


 100, 11.779,
126.024


 66, 11.779,
126.024


 96, 11.779,
126.024

 56, 11.779,
126.024

 46, 11.779,
126.024

 36, 11.779,
126.024

 26, 11.779,
126.024

 16, 11.779,
126.024

 6, 11.779, 126.024

■ 0, 11.779, 126.024

■ 76, 11.779,
126.024

■ 76, 11.779,
126.024

■ 75, 22.472,
125.530

■ 77, 1.074, 126.578

■ 74, 33.062,
125.026

■ 78, 9.589, 306.927

■ 73, 43.429,
124.540

■ 79, 20.166,
307.341

■ 72, 53.395,
124.112

■ 81, 30.625,
307.718

■ 72, 62.699,
123.802

■ 82, 35.948,
310.120

■ 71, 70.980,
123.701

■ 83, 36.800,
314.313

■ 83, 37.832,

■ 71, 77.786,
123.925

318.359

■ 70, 82.695,
124.594

■ 84, 39.034,
322.230

■ 70, 85.648,
125.523

■ 85, 40.362,
325.825

Harmonies

Complementary

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



76, 11.779, 126.024



71, 11.991, 307.068

Rectangle

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



76, 11.779, 126.024



76, 11.779, 176.024



76, 11.779, 306.024



76, 11.779, 356.024

Sweetspot

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



76, 11.781, 126.028



97, 3.953, 126.427



73, 6.663, 64.677



52, 3.023, 126.383



99, 0.012, 296.813



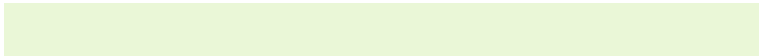
52, 0.007, 296.813

Same Dimension

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



76, 11.781, 126.028



96, 17.185, 125.920



75, 13.474, 141.614



39, 6.011, 126.110



59, 74.424, 125.291



10, 18.719, 130.594

Inverse Universe

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



71, 11.991, 307.068



88, 17.546, 307.184



72, 13.515, 322.704



37, 6.104, 306.981



23, 88.506, 310.529



2, 17.892, 302.642

Previews

White Background



This preview shows how the CIELCh color 76, 11.779, 126.024 looks on a white background.

Color Contrast Check

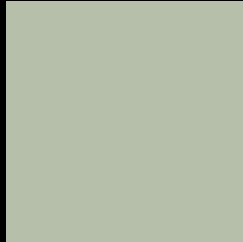
Large Text (above 18pt) WCAG AA × Fail

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, 11.779, 126.024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

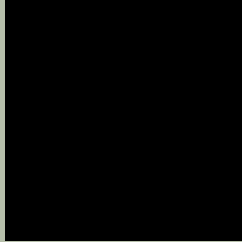
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

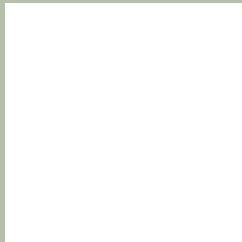
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 11.779, 126.024

Background



This preview shows how black text looks on a background with the CIELCh color 76, 11.779, 126.024.



This preview shows how white text looks on a background with the CIELCh color 76, 11.779, 126.024.

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

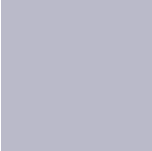
76, 11.779, 126.024

Protanopia

76, 10.634, 92.269

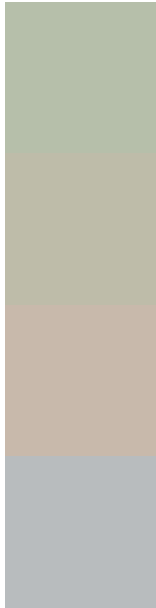
Deuteranopia

76, 12.670, 42.511



Tritanopia
76, 8.086, 290.938

Trichromacy



Original Color
76, 11.779, 126.024

Protanomaly
76, 10.204, 104.886

Deuteranomaly
76, 9.489, 71.758

Tritanomaly
76, 1.807, 236.213

Monochromacy



Original Color
76, 11.779, 126.024

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 4.560, 128.910

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 11.779, 126.024 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, 191, 170)` looks like.

```
.text, #text, p{  
    color:rgb(182, 191, 170)  
}
```

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, 191, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 191, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 11.779, 126.024 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, 191, 170) }
```

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

```
.border{ border-color:rgb(182, 191, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 191, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 191, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 191, 170);  
box-shadow:4px 4px 4px 4px rgb(182, 191,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 11.779, 126.024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 191, 170) }
```

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

```
.background{ background-color: rgb(182,  
191, 170) }
```

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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