

Converting Colors

CIELCh(76, 11.248, 129.296)

Have a look what the booklet for
CIELCh(76, 11.248, 129.296)
contains.

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Color

CIELCh(76, 11.395, 128.618)

Conversions

Conversions Part 1

Format	Color
Hex	B5BFAB
RGB	181, 191, 171
RGB Percent	71%, 75%, 67%
CMY	0.2911, 0.2519, 0.3303
CMYK	0.05, 0.00, 0.10, 0.25
HSL	90°, 13%, 71%
HSV	90°, 10%, 75%
XYZ	44.9107, 49.8872, 45.6760
YIQ	185.7300, 0.4600, -8.3400

Conversions

Conversions Part 2

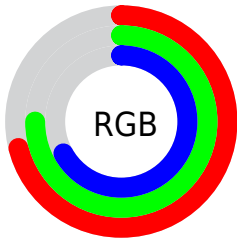
Format	Color
RYB	171, 191, 181
Decimal	11911083
CIELab	76.00, -7.11, 8.90
CIELCh	76, 11.395, 128.618
Yxy	49.8872, 0.3197, 0.3551
Android (android.graphics.Color)	4290101163 (0xFFB5BFAB)
YUV	185.7300, -7.2619, -4.1482
Hunter-Lab	70.6309, -10.1048, 11.0997

Details

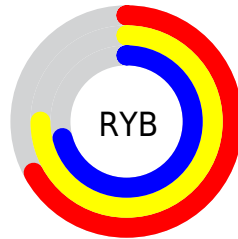
The CIELCh color **76, 11.395, 128.618** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71, 11.567, 309.530**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 11.334, 127.859**, and **56, 11.571, 129.405** is the 20% darker color. If you saturate the color by 10%, you get **75, 22.285, 128.149**, and if you desaturate by 10%, it is **77, 0.515, 129.273**.

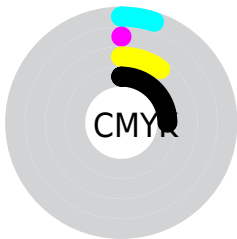
Distribution



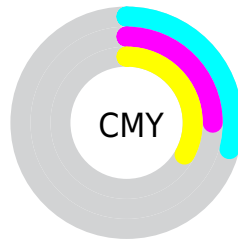
- Red (71%)
- Green (75%)
- Blue (67%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (10%)
- Black (25%)





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


Brightness & Saturation Gradients


These gradients show how the CIELCh color 76, 11.395, 128.618 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, 11.395, 128.618 by changing the saturation by 10% instead.


 76, 11.395,
128.618


 76, 11.395,
128.618


 100, 11.395,
128.618


 66, 11.395,
128.618


 96, 11.395,
128.618

 56, 11.395,
128.618

 46, 11.395,
128.618

 36, 11.395,
128.618

 26, 11.395,
128.618

 16, 11.395,
128.618

 6, 11.395, 128.618

0, 11.395, 128.618

76, 11.395,
128.618

76, 11.395,
128.618

75, 22.285,
128.149

77, 0.515, 129.273

74, 33.092,
127.664

78, 10.299,
309.447

73, 43.693,
127.188

80, 21.002,
309.824

72, 53.909,
126.759

81, 31.562,
310.160

71, 63.482,
126.436

82, 36.466,
313.170

71, 72.052,
126.310

83, 37.632,
317.939

■ 70, 79.166,
126.501

■ 84, 39.031,
322.471

■ 70, 84.394,
127.129

■ 85, 40.275,
325.822

■ 69, 87.737,
128.085

Harmonies

Complementary

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



76, 11.395, 128.618



71, 11.567, 309.530

Rectangle

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



76, 11.395, 128.618



76, 11.395, 178.618



76, 11.395, 308.618



76, 11.395, 358.618

Sweetspot

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



76, 11.397, 128.622



97, 4.013, 128.977



74, 6.605, 74.100



52, 3.070, 128.934



99, 0.012, 296.813



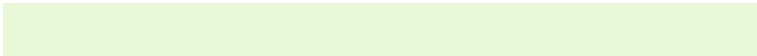
52, 0.007, 296.813

Same Dimension

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



76, 11.397, 128.622



95, 17.461, 128.494



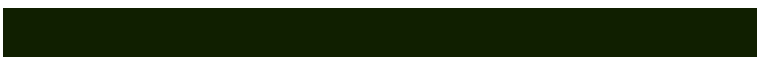
75, 13.181, 143.843



39, 6.105, 128.674



58, 76.176, 127.852



10, 19.129, 133.083

Inverse Universe

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



71, 11.567, 309.530



88, 17.780, 309.661



72, 13.199, 324.993



37, 6.188, 309.476



24, 87.185, 312.035



2, 18.077, 304.990

Previews

White Background



This preview shows how the CIELCh color 76, 11.395, 128.618 looks on a white background.

Color Contrast Check

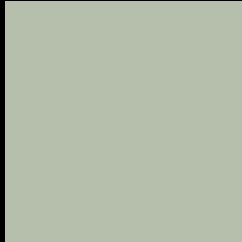
Large Text (above 18pt) WCAG AA × Fail

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, 11.395, 128.618 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

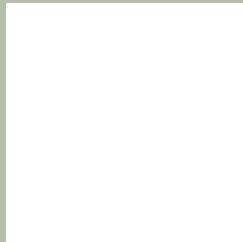
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 11.395, 128.618

Background



This preview shows how black text looks on a background with the CIELCh color 76, 11.395, 128.618.

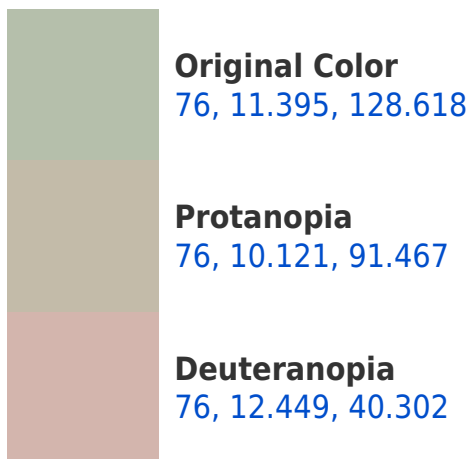



This preview shows how white text looks on a background with the CIELCh color 76, 11.395, 128.618.

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](#).

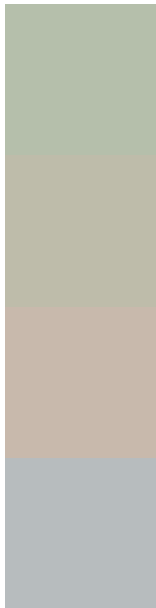
Dichromacy





Tritanopia
76, 8.089, 288.405

Trichromacy



Original Color
76, 11.395, 128.618

Protanomaly
76, 9.670, 104.706

Deuteranomaly
76, 9.062, 69.783

Tritanomaly
76, 2.110, 230.254

Monochromacy



Original Color
76, 11.395, 128.618

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, 11.395, 128.618 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(181, 191, 171)  
}
```

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, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 191, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 11.395, 128.618 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, 171) }
```

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

```
.border{ border-color:rgb(181, 191, 171) }
```

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, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 191, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 191, 171);  
box-shadow:4px 4px 4px 4px rgb(181, 191,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 11.395, 128.618 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, 171) }
```

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

```
.background{ background-color: rgb(181,  
191, 171) }
```

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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