

# Converting Colors

HunterLab(76.8268, -11.1990,  
2.1806)

Have a look what the booklet for  
HunterLab(76.8268, -11.1990,  
2.1806) contains.

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# Color

**HunterLab(76.9885,  
-11.3364, 2.2725)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8CFCE
RGB	184, 207, 206
RGB Percent	72%, 81%, 81%
CMY	0.2784, 0.1882, 0.1922
CMYK	0.11, 0.00, 0.00, 0.19
HSL	177°, 19%, 77%
HSV	177°, 11%, 81%
XYZ	53.2206, 59.2723, 67.0282
YIQ	200.0090, -13.3870, -5.1870

# Conversions

## Conversions Part 2

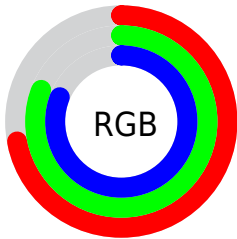
<b>Format</b>	<b>Color</b>
<b>RYB</b>	184, 196, 207
Decimal	12111822
CIELab	81.44, -7.89, -2.13
CIElCh	81, 8.175, 195.123
Yxy	59.2748, 0.2965, 0.3302
Android (android.graphics.Color)	4290301902 (0xFFB8CFCE)
YUV	200.0090, 2.9536, -14.0399
Hunter-Lab	76.9885, -11.3364, 2.2725

# Details

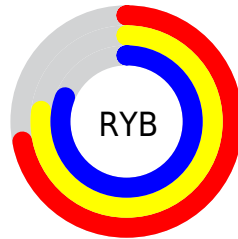
The HunterLab color  $76.9885, -11.3364, 2.2725$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $71.4498, 3.9522, 6.0064$ , and the grayscale version is  $75.9959, -4.0550, 4.1290$ .

A 20% lighter version of the original color is  $98.6232, -10.1589, 3.7173$ , and  $54.6578, -9.3733, 1.2925$  is the 20% darker color. If you saturate the color by 10%, you get  $75.4048, -17.1211, 0.7010$ , and if you desaturate by 10%, it is  $78.7814, -4.9588, 4.0776$ .

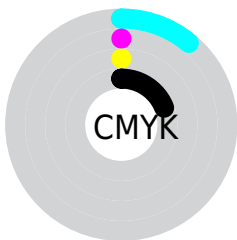
# Distribution



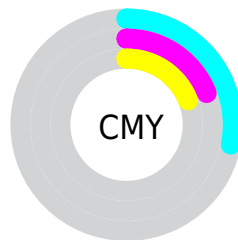
- Red (72%)
- Green (81%)
- Blue (81%)



- Red (72%)
- Yellow (77%)
- Blue (81%)



- Cyan (11%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



- Cyan (28%)
- Magenta (19%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.9885, -11.3364, 2.2725 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 HunterLab color 76.9885, -11.3364, 2.2725 by changing the saturation by 10% instead.



■ 76.9885, -11.3364,  
2.2725

■ 76.9885, -11.3364,  
2.2725

205.4068,  
-21.0840, 8.5381

■ 65.4480, -10.3258,  
1.7438

■ 101.8710,  
-13.3993, 3.4450

■ 54.5483, -9.3237,  
1.2546

115.1553,  
-14.4509, 4.0823

■ 44.3315, -8.3288,  
0.8092

128.9716,  
-15.5174, 4.7518

■ 34.8467, -7.3363,  
0.4119

143.3001,  
-16.5992, 5.4521

■ 26.1555, -6.3391,  
0.0681

158.1232,  
-17.6967, 6.1819

■ 18.3383, -5.3242,  
-0.2144

173.4248,

■ 11.5066, -4.2672,

-18.8099, 6.9402

-0.4242

189.1904,  
-19.9389, 7.7259

■ 3.9960, -6.9930,  
-1.9949

0.0000, NaN, NaN

■ 76.9885, -11.3364,  
2.2725

■ 76.9885, -11.3364,  
2.2725

■ 75.4048, -17.1211,  
0.7010

■ 78.7814, -4.9588,  
4.0776

■ 74.0277, -22.2588,  
-0.6267

■ 80.7743, 1.9599,  
6.0960

■ 72.8588, -26.7112,  
-1.6994

■ 82.9629, 9.3593,  
8.3106

■ 71.8950, -30.4520,  
-2.5124

■ 83.9772, 12.7526,  
9.0999

71.1303, -33.4727,  
-3.0671

84.0040, 12.8939,  
8.7162

70.5548, -35.7851,  
-3.3720

84.0310, 13.0359,  
8.3306

70.1544, -37.4249,  
-3.4433

84.0581, 13.1786,  
7.9431

69.9097, -38.4557,  
-3.3065

84.0853, 13.3220,  
7.5536

69.7883, -38.9919,  
-3.0570

84.1127, 13.4662,  
7.1623

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.9901, -11.3460, 6.0305



76.9885, -11.3364, 2.2725



76.9901, -9.4203, -1.1301

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.9901, -11.3379, 2.2737



76.9901, 1.3677, -1.1066



76.9901, -2.1440, 10.8787

# Complementary

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



76.9885, -11.3364, 2.2725



71.4498, 3.9522, 6.0064

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.9901, 1.3439, 9.1571



76.9885, -11.3364, 2.2725



76.9901, 3.3991, 2.3045

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.9901, -11.3379, 2.2737



76.9901, -2.1121, -3.1479



76.9901, 3.3903, 6.0598



76.9901, -6.0920, 10.8713



# Rectangle

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



76.9885, -11.3364, 2.2725



76.9901, -7.2946, -2.6866



76.9901, 3.3903, 6.0598



76.9901, -0.8771, 10.4869

# Sweetspot

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



76.9901, -11.3379, 2.2737



99.2756, -7.8866, 4.7008



76.4342, -14.6337, 11.6655



45.8417, -3.9591, 2.0862

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



76.9901, -11.3379, 2.2737



97.0325, -15.9136, 2.4468



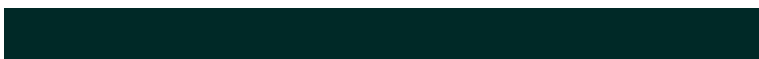
73.8045, -6.0094, -2.0519



36.6030, -4.8764, 1.2145



55.3967, -30.9288, -2.4747



13.1099, -7.2491, -0.7376



# Inverse Universe

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



71.4498, 3.9522, 6.0064



88.7505, 6.9559, 8.0316



74.4767, -1.4964, 9.7647



34.3751, 1.2699, 2.7146



28.9377, 49.6122, 18.2680

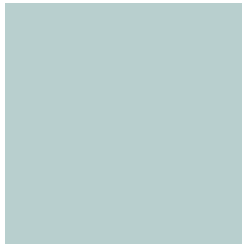


6.8645, 11.8125, 3.9954



# Previews

## White Background



This preview shows how the HunterLab color 76.9885, -11.3364, 2.2725 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

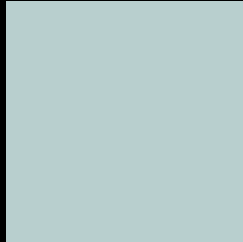
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 76.9885, -11.3364, 2.2725 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

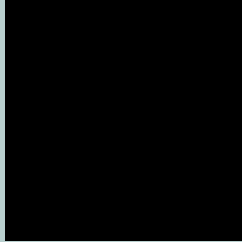
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

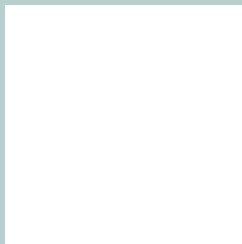
Any Text WCAG AAA ✓ Pass

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

## HunterLab 76.9885, -11.3364, 2.2725 Background



This preview shows how black text looks on a background with the HunterLab color 76.9885, -11.3364, 2.2725.



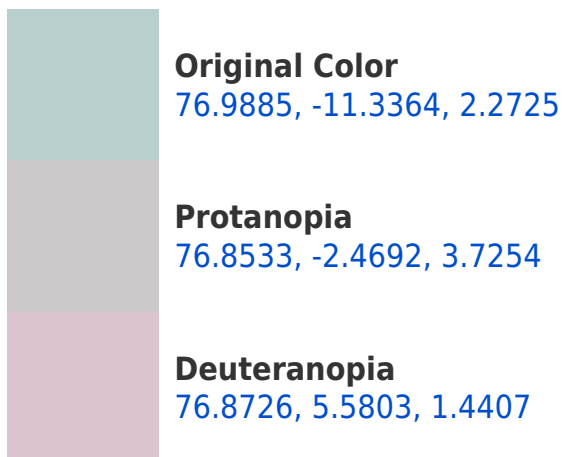
This preview shows how white text looks on a background with the HunterLab color 76.9885,

-11.3364, 2.2725.

# 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

77.1025, -6.7283, -5.2107

# Trichromacy



## Original Color

76.9885, -11.3364, 2.2725

## Protanomaly

76.7736, -5.8245, 3.0882

## Deuteranomaly

76.7694, -0.9519, 1.6975

## Tritanomaly

77.1619, -8.4586, -2.5199

# Monochromacy



## Original Color

76.9885, -11.3364, 2.2725

## Achromatopsia

75.9987, -4.0551, 4.1292

## Achromatomaly

76.4496, -7.0857, 3.6487

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 76.9885, -11.3364, 2.2725 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(184, 207, 206)` looks like.

```
.text, #text, p{  
    color:rgb(184, 207, 206)  
}
```

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(184, 207, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 207, 206) }
```

## Border

The CSS property to change the border of an element to HunterLab 76.9885, -11.3364, 2.2725 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(184, 207, 206) }
```



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

```
.border{ border-color:rgb(184, 207, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 207, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 207, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 207, 206);  
box-shadow:4px 4px 4px 4px rgb(184, 207,  
206) }
```

# Background

The CSS property to change the background color of an element to HunterLab 76.9885, -11.3364, 2.2725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 207, 206) }
```

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

```
.background{ background-color: rgb(184,  
207, 206) }
```

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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