

# Converting Colors

HunterLab(77.3136, -4.2797,  
2.1631)

Have a look what the booklet for  
HunterLab(77.3136, -4.2797, 2.1631)  
contains.

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# Color

**HunterLab(77.2233, -4.0665,  
2.1906)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C9CBCF
RGB	201, 203, 207
RGB Percent	79%, 80%, 81%
CMY	0.2118, 0.2039, 0.1882
CMYK	0.03, 0.02, 0.00, 0.19
HSL	220°, 6%, 80%
HSV	220°, 3%, 81%
XYZ	56.7058, 59.6344, 67.5534
YIQ	202.8580, -2.4760, 0.8200

# Conversions

## Conversions Part 2

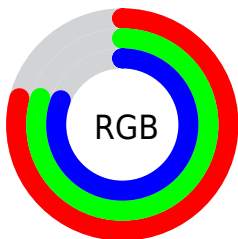
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">201, 203, 207</a>
Decimal	<a href="#">13224911</a>
CIELab	<a href="#">81.64, 0.06, -2.23</a>
CIElCh	<a href="#">82, 2.235, 271.549</a>
Yxy	<a href="#">59.6369, 0.3084, 0.3243</a>
Android (android.graphics.Color)	<a href="#">4291414991</a> ( <a href="#">0xFFC9CBCF</a> )
YUV	<a href="#">202.8580, 2.0420, -1.6295</a>
Hunter-Lab	<a href="#">77.2233, -4.0665, 2.1906</a>

# Details

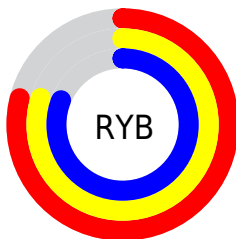
The HunterLab color  $77.2233, -4.0665, 2.1906$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $78.1949, -4.1988, 6.2104$ , and the grayscale version is  $77.2119, -4.1198, 4.1951$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $54.7703, -2.8674, 1.0751$  is the 20% darker color. If you saturate the color by 10%, you get  $71.2271, -3.3549, -5.3080$ , and if you desaturate by 10%, it is  $83.3707, -4.4721, 9.3128$ .

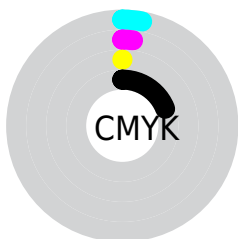
# Distribution



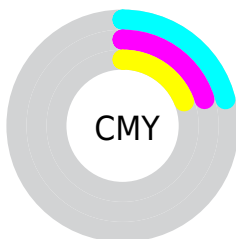
- Red (79%)
- Green (80%)
- Blue (81%)



- Red (79%)
- Yellow (80%)
- Blue (81%)



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (19%)



- Cyan (21%)
- Magenta (20%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.2233, -4.0665, 2.1906 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 77.2233, -4.0665, 2.1906 by changing the saturation by 10% instead.



■ 77.2233, -4.0665,  
2.1906

■ 77.2233, -4.0665,  
2.1906

205.7324,  
-10.9102, 8.4274

■ 65.6704, -3.4541,  
1.6658

102.1287, -5.3929,  
3.3560

■ 54.7577, -2.8743,  
1.1806

115.4238, -6.1004,  
3.9899

■ 44.5269, -2.3313,  
0.7395

129.2505, -6.8364,  
4.6561

■ 35.0271, -1.8275,  
0.3467

143.5890, -7.5999,  
5.3533

■ 26.3194, -1.3663,  
0.0079

158.4216, -8.3898,  
6.0800

■ 18.4840, -0.9522,  
-0.2694

173.7326, -9.2053,

■ 11.6314, -0.5912,

6.8353

-0.4734

189.5072,  
-10.0457, 7.6181

■ 4.2615, -0.1658,  
-1.9416

0.0000, NaN, NaN

■ 77.2233, -4.0665,  
2.1906

■ 77.2233, -4.0665,  
2.1906

■ 71.2271, -3.3549,  
-5.3080

■ 83.3707, -4.4721,  
9.3128

■ 65.3945, -2.2717,  
-13.2658

■ 89.6501, -4.6150,  
16.1201

■ 59.7490, -0.7435,  
-21.7750

■ 95.2310, -7.3969,  
21.7983

■ 54.3175, 1.3224,  
-30.9433

■ 98.6332, -12.8760,  
25.0665

■ 49.1341, 4.0379,  
-40.8874

■ 44.2421, 7.5321,  
-51.7173

■ 39.6954, 11.9395,  
-63.5031

■ 35.5600, 17.3686,  
-76.2100

■ 31.9108, 23.8344,  
-89.6011

# Harmonies

## Analogous

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



77.2249, -5.1168, 2.4370



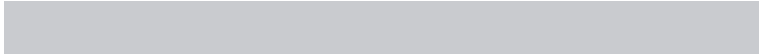
77.2233, -4.0665, 2.1906



77.2249, -3.0293, 2.4919

# Triad

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



77.2249, -4.0682, 2.1919



77.2249, -2.3375, 5.2355



77.2249, -5.9516, 5.1437

# Complementary

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



77.2233, -4.0665, 2.1906



78.1949, -4.1988, 6.2104

# 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.



77.2249, -5.2140, 5.8769



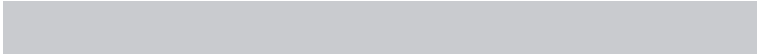
77.2233, -4.0665, 2.1906



77.2249, -3.1275, 5.9294

# Square

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



77.2249, -4.0682, 2.1919



77.2249, -2.0266, 4.2572



77.2249, -4.1811, 6.1626



77.2249, -6.2005, 4.1499



# Rectangle

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



77.2233, -4.0665, 2.1906



77.2249, -2.4829, 2.9584



77.2249, -4.1811, 6.1626



77.2249, -5.7528, 5.4284

# Sweetspot

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



77.2249, -4.0682, 2.1919



99.2172, -5.2746, 4.5094



78.3882, -6.4528, 4.5509



45.9204, -2.4417, 2.1075

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

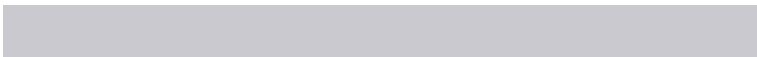
The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.2249, -4.0682, 2.1919



97.6574, -5.1406, 2.6475



76.6954, -2.7658, 1.5754



36.3284, -1.9038, 0.7377



23.8446, 22.0489, -77.4008



6.8025, 2.4957, -13.8901



# Inverse Universe

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



77.0400, -1.8264, 3.9550



97.4125, -2.1679, 4.9873



78.7273, -5.5023, 6.7990



36.2158, -0.5250, 1.8276



29.4028, 51.3307, 11.4215

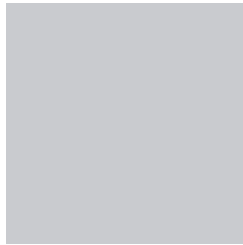


7.0570, 12.5202, 1.1887



# Previews

## White Background



This preview shows how the HunterLab color 77.2233, -4.0665, 2.1906 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

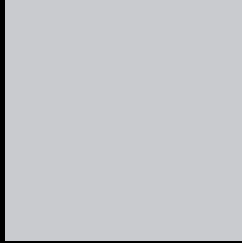
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 77.2233, -4.0665, 2.1906 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

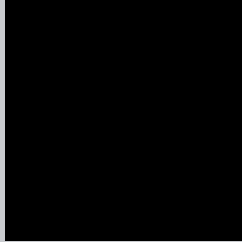
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

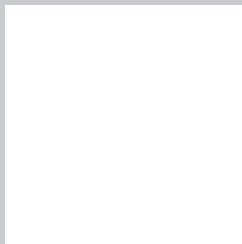
Any Text WCAG AAA ✓ Pass

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

# HunterLab 77.2233, -4.0665, 2.1906 Background



This preview shows how black text looks on a background with the HunterLab color 77.2233, -4.0665, 2.1906.



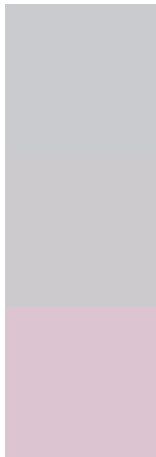
This preview shows how white text looks on a background with the HunterLab color 77.2233, -4.0665,



# 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

77.2233, -4.0665, 2.1906

### Protanopia

77.2505, -2.4686, 2.7418

### Deuteranopia

77.2672, 5.3943, 1.9157



## Tritanopia

77.1230, -0.6334, -2.9548

# Trichromacy



## Original Color

77.2233, -4.0665, 2.1906

## Protanomaly

77.1587, -2.7862, 2.6263

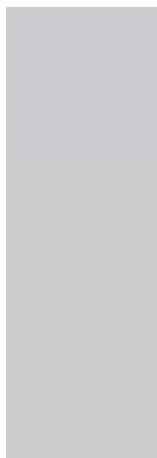
## Deuteranomaly

77.1667, 2.0118, 1.7349

## Tritanomaly

77.2021, -2.1853, -0.8118

# Monochromacy



## Original Color

77.2233, -4.0665, 2.1906

## Achromatopsia

77.2788, -4.1234, 4.1987

## Achromatomaly

77.2192, -4.2689, 3.6447

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 77.2233, -4.0665, 2.1906 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(201, 203, 207)` looks like.

```
.text, #text, p{  
    color:rgb(201, 203, 207)  
}
```

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(201, 203, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 203, 207) }
```

## Border

The CSS property to change the border of an element to HunterLab 77.2233, -4.0665, 2.1906 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(201, 203, 207) }
```



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

```
.border{ border-color:rgb(201, 203, 207) }
```

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

Here you see how a box with a 4 pixel rgb(201, 203, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 203, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 203, 207);  
box-shadow:4px 4px 4px 4px rgb(201, 203,  
207) }
```

# Background

The CSS property to change the background color of an element to HunterLab 77.2233, -4.0665, 2.1906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 203, 207) }
```

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

```
.background{ background-color: rgb(201,  
203, 207) }
```

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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