

# Converting Colors

HunterLab(69.9030, -8.4106,  
2.4185)

Have a look what the booklet for  
HunterLab(69.9030, -8.4106, 2.4185)  
contains.

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# Color

**HunterLab(70.0176, -8.4975,  
2.7083)**

# Conversions

Conversions Part 1	
Format	Color
Hex	AEBCBC
RGB	174, 189, 188
RGB Percent	68%, 74%, 74%
CMY	0.3176, 0.2588, 0.2627
CMYK	0.08, 0.00, 0.01, 0.26
HSL	176°, 10%, 71%
HSV	176°, 8%, 74%
XYZ	44.7302, 49.0246, 54.6820
YIQ	184.4010, -8.6190, -3.4910

# Conversions

## Conversions Part 2

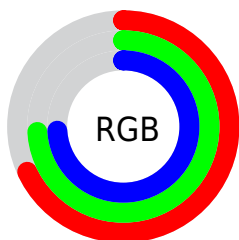
Format	Color
<a href="#">RYB</a>	<a href="#">174, 182, 189</a>
Decimal	<a href="#">11451836</a>
CIELab	<a href="#">75.47, -5.34, -1.27</a>
CIELCh	<a href="#">75, 5.486, 193.398</a>
Yxy	<a href="#">49.0267, 0.3013, 0.3303</a>
Android (android.graphics.Color)	<a href="#">4289641916</a> (0xFFFAEBDBC)
YUV	<a href="#">184.4010, 1.7743, -9.1217</a>
Hunter-Lab	<a href="#">70.0176, -8.4975, 2.7083</a>

# Details

The HunterLab color **70.0176, -8.4975, 2.7083** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.4735, 1.4528, 4.8095**, and the grayscale version is **69.3979, -3.7029, 3.7705**.

A 20% lighter version of the original color is **94.1592, -10.0594, 3.9514**, and **48.4718, -6.7431, 1.7126** is the 20% darker color. If you saturate the color by 10%, you get **68.5217, -13.9486, 1.4262**, and if you desaturate by 10%, it is **71.6988, -2.5377, 4.1994**.

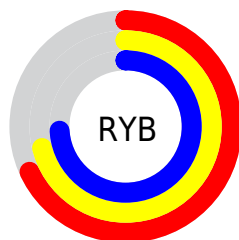
# Distribution



Red (68%)

Green (74%)

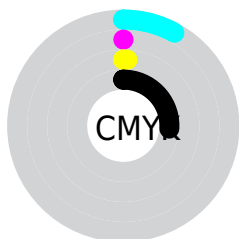
Blue (74%)



Red (68%)

Yellow (71%)

Blue (74%)

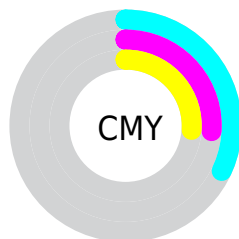


Cyan (8%)

Magenta (0%)

Yellow (1%)

Black (26%)



Cyan (32%)

Magenta (26%)


Yellow (26%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.0176, -8.4975, 2.7083 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 70.0176, -8.4975, 2.7083 by changing the saturation by 10% instead.





 70.0176, -8.4975,  
2.7083

 70.0176, -8.4975,  
2.7083


195.6649,  
-17.1993, 9.1046

 58.8563, -7.6275,  
2.1627


 94.1972, -10.2977,  
3.9127

 48.3593, -6.7737,  
1.6561


107.1533,  
-11.2259, 4.5653

 38.5732, -5.9358,  
1.1928


120.6543,  
-12.1735, 5.2497

 29.5541, -5.1109,  
0.7769

134.6791,  
-13.1405, 5.9644

 21.3738, -4.2938,  
0.4143

149.2087,  
-14.1267, 6.7083

 14.1291, -3.4743,  
0.1128

164.2262,

 7.7803, -3.4045,


-15.1320, 7.4803


-0.2538


179.7163,  
-16.1563, 8.2794

0.0000, NaN, NaN


0.0000, NaN, NaN

 70.0176, -8.4975,  
2.7083


 70.0176, -8.4975,  
2.7083


 68.5217, -13.9486,  
1.4262


 71.6988, -2.5377,  
4.1994


 67.2093, -18.8399,  
0.3618

 73.5565, 3.8837,  
5.8819

 66.0827, -23.1332,  
-0.4750

 75.5864, 10.7124,  
7.7408

 65.1403, -26.8001,  
-1.0797


 77.7820, 17.8963,  
9.7599

 64.3778, -29.8259,


 78.4643, 20.1394,


-1.4532


9.9931


 63.7878, -32.2134,  
-1.6020


 78.5007, 20.3275,  
9.4712


 63.3592, -33.9854,  
-1.5394

 78.5374, 20.5171,  
8.9453

 63.0768, -35.1879,  
-1.2859

 78.5744, 20.7081,  
8.4156

 62.9140, -35.9175,  
-0.8778

 78.6116, 20.9005,  
7.8819

# Harmonies

## Analogous

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



70.0191, -8.4291, 5.1459



70.0176, -8.4975, 2.7083



70.0191, -7.3068, 0.4921

# Triad

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



70.0191, -8.4989, 2.7094



70.0191, -0.2999, 0.2963



70.0191, -2.3172, 8.1831

# Complementary

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



70.0176, -8.4975, 2.7083



66.4735, 1.4528, 4.8095

# 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.



70.0191, -0.1000, 6.9757



70.0176, -8.4975, 2.7083



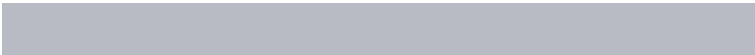
70.0191, 1.0762, 2.4500

# Square

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



70.0191, -8.4989, 2.7094



70.0191, -2.5870, -0.9348



70.0191, 1.1499, 4.8956



70.0191, -4.8852, 8.2468



# Rectangle

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



70.0176, -8.4975, 2.7083



70.0191, -5.9466, -0.5393



70.0191, 1.1499, 4.8956



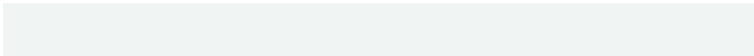
70.0191, -1.5053, 7.8995

# Sweetspot

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



70.0191, -8.4989, 2.7094



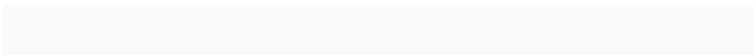
95.0014, -6.7407, 4.7712



69.7109, -10.4188, 8.7143



44.0660, -3.0869, 2.2223



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053



# Same Dimension

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



70.0191, -8.4989, 2.7094



93.2365, -13.0558, 3.2197



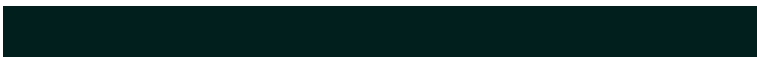
68.1457, -5.2480, 0.0094



32.8607, -4.3793, 1.1841



51.5860, -29.5410, -0.7075



10.2261, -5.7484, -0.3725



# Inverse Universe

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



66.4735, 1.4528, 4.8095



87.1795, 3.9523, 6.8103



68.2788, -1.8461, 7.2676



30.8973, 1.1329, 2.3476



27.0230, 46.3635, 16.7968

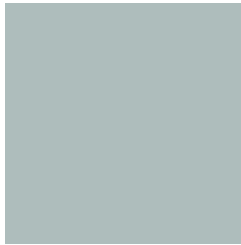


5.3816, 9.2995, 2.8317



# Previews

## White Background



This preview shows how the HunterLab color 70.0176, -8.4975, 2.7083 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

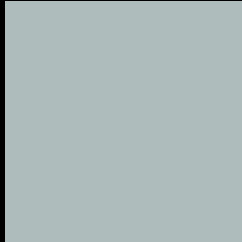
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 70.0176, -8.4975, 2.7083 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

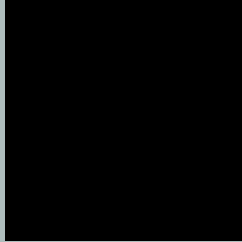
Any Text WCAG AA ✓ Pass

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 70.0176, -8.4975, 2.7083 Background



This preview shows how black text looks on a background with the HunterLab color 70.0176, -8.4975, 2.7083.



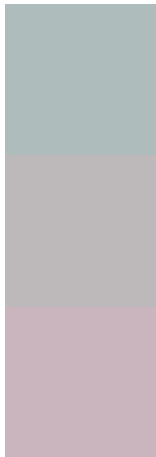
This preview shows how white text looks on a background with the HunterLab color 70.0176, -8.4975,



# 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

70.0176, -8.4975, 2.7083

### Protanopia

70.0442, -2.2980, 3.7987

### Deuteranopia

69.9405, 5.1427, 1.8902



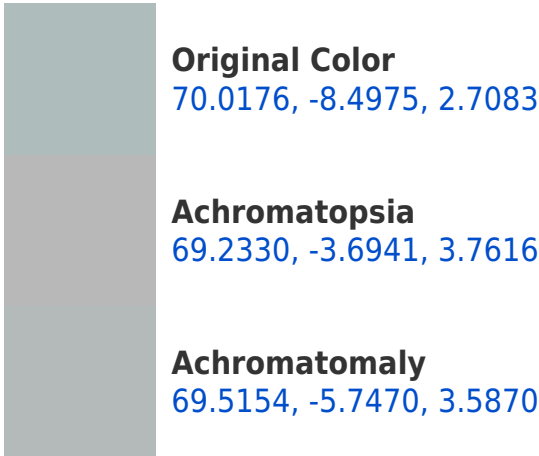
## Tritanopia

70.0250, -4.4305, -4.2395

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 70.0176, -8.4975, 2.7083 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(174, 189, 188) looks like.

```
.text, #text, p{  
    color:rgb(174, 189, 188)  
}
```

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(174, 189, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 189, 188) }
```

## Border

The CSS property to change the border of an element to HunterLab 70.0176, -8.4975, 2.7083 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(174, 189, 188) }
```



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

```
.border{ border-color:rgb(174, 189, 188) }
```

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

Here you see how a box with a 4 pixel rgb(174, 189, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 189, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 189, 188);  
box-shadow:4px 4px 4px 4px rgb(174, 189,  
188) }
```

# Background

The CSS property to change the background color of an element to HunterLab 70.0176, -8.4975, 2.7083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 189, 188) }
```

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

```
.background{ background-color: rgb(174,  
189, 188) }
```

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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