

Converting Colors

HunterLab(70.8849, -9.8341,
0.0154)

Have a look what the booklet for
HunterLab(70.8849, -9.8341, 0.0154)
contains.

HunterLab(70.8737, -9.7089, -0.1868)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(70.8737, -9.7089,
-0.1868)**

Conversions

Conversions Part 1

Format	Color
Hex	AAC0C4
RGB	170, 192, 196
RGB Percent	67%, 75%, 77%
CMY	0.3333, 0.2470, 0.2314
CMYK	0.13, 0.02, 0.00, 0.23
HSL	189°, 18%, 72%
HSV	189°, 13%, 77%
XYZ	45.3910, 50.2308, 59.5277
YIQ	185.8780, -14.3960, -3.4200

Conversions

Conversions Part 2

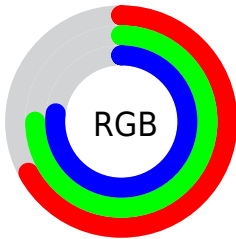
Format	Color
R_{YB}	170, 182, 196
Decimal	11190468
CIE _{Lab}	76.21, -6.64, -4.55
CIE _{LCh}	76, 8.049, 214.439
Yxy	50.2329, 0.2926, 0.3238
Android (android.graphics.Color)	4289380548 (0xFFAAC0C4)
YUV	185.8780, 4.9901, -13.9250
Hunter-Lab	70.8737, -9.7089, -0.1868

Details

The HunterLab color $70.8737, -9.7089, -0.1868$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $67.0149, 3.0035, 7.6997$, and the grayscale version is $70.0069, -3.7354, 3.8036$.

A 20% lighter version of the original color is $94.9917, -11.4937, 0.3300$, and $49.2644, -7.9988, -0.5827$ is the 20% darker color. If you saturate the color by 10%, you get $68.4829, -13.4708, -3.2518$, and if you desaturate by 10%, it is $73.4299, -5.4536, 2.9831$.

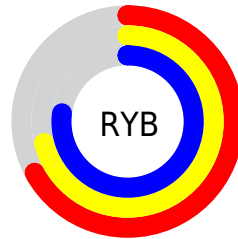
Distribution



Red (67%)

Green (75%)

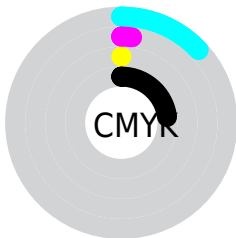
Blue (77%)



Red (67%)

Yellow (71%)

Blue (77%)

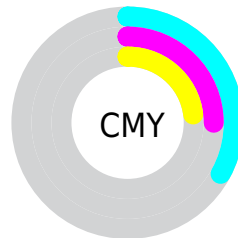


Cyan (13%)

Magenta (2%)

Yellow (0%)

Black (23%)



Cyan (33%)

Magenta (25%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.8737, -9.7089, -0.1868 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 70.8737, -9.7089, -0.1868 by changing the saturation by 10% instead.

■ 70.8737, -9.7089,
-0.1868

■ 70.8737, -9.7089,
-0.1868

196.8695,
-18.9126, 5.1113

■ 59.6645, -8.7695,
-0.5835

■ 95.1419, -11.6369,
0.7407

■ 49.1165, -7.8420,
-0.9330

108.1394,
-12.6247, 1.2635

■ 39.2757, -6.9249,
-1.2291

121.6800,
-13.6294, 1.8230

■ 30.1973, -6.0139,
-1.4656

135.7430,
-14.6514, 2.4172

■ 21.9516, -5.1018,
-1.6339

150.3095,
-15.6906, 3.0445

■ 14.6332, -4.1749,
-1.7218

165.3627,

■ 8.2928, -3.9310,

-16.7473, 3.7034

-1.8502

180.8873,
-17.8213, 4.3927

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.8737, -9.7089,
-0.1868

■ 70.8737, -9.7089,
-0.1868

■ 68.4829, -13.4708,
-3.2518

■ 73.4299, -5.4536,
2.9831

■ 66.2596, -16.6892,
-6.1952

■ 76.1397, -0.7482,
6.2360

■ 64.2109, -19.3231,
-8.9948

■ 78.9967, 4.3601,
9.5567

■ 62.3403, -21.3372,
-11.6297

■ 81.9931, 9.8275,
12.9311

■ 60.6490, -22.7078,

■ 83.6095, 10.6728,

-14.0810

14.6721

■ 59.1348, -23.4276,
-16.3340

■ 84.4868, 9.0651,
15.5691

■ 57.7909, -23.5117,
-18.3812

■ 85.3715, 7.4618,
16.4660

■ 56.6041, -23.0056,
-20.2270

■ 86.2635, 5.8628,
17.3627

■ 55.8661, -22.4362,
-21.3945

■ 87.1626, 4.2683,
18.2591

Harmonies

Analogous

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



70.8752, -10.9227, 3.3179



70.8737, -9.7089, -0.1868



70.8752, -6.9100, -2.7018

Triad

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



70.8752, -9.7102, -0.1857



70.8752, 2.9258, 0.7936



70.8752, -4.3501, 10.4424

Complementary

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



70.8737, -9.7089, -0.1868



67.0149, 3.0035, 7.6997

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.



70.8752, -0.6060, 9.8450



70.8737, -9.7089, -0.1868



70.8752, 3.6457, 4.3937

Square

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



70.8752, -9.7102, -0.1857



70.8752, 0.3933, -2.1159



70.8752, 2.3404, 7.6765



70.8752, -7.8697, 9.3531

Rectangle

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



70.8737, -9.7089, -0.1868



70.8752, -4.4920, -3.4129



70.8752, 2.3404, 7.6765



70.8752, -3.0763, 10.4318

Sweetspot

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



70.8752, -9.7102, -0.1857



98.5495, -7.8202, 3.6703



71.4694, -15.3070, 10.5926



45.4691, -3.8290, 1.5456

0.0000, NaN, NaN



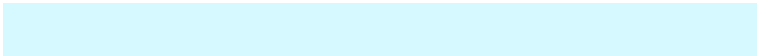
46.2646, -2.4686, 2.5136

Same Dimension

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



70.8752, -9.7102, -0.1857



94.4083, -14.6534, -1.4978



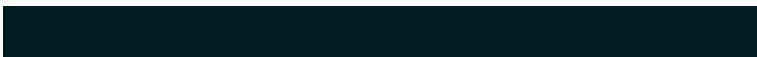
66.9423, -3.3377, -5.0642



33.4007, -3.7674, 0.4836



44.8951, -18.1337, -16.9694



9.7144, -4.2639, -2.9377

Inverse Universe

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



66.5522, 8.6678, -3.2687



87.3367, 15.5580, -6.6018



70.8076, -3.4876, 11.7253



31.9688, 2.2834, -0.5218



30.5237, 58.0917, -25.3837



6.4024, 12.2778, -6.0448

Previews

White Background



This preview shows how the HunterLab color 70.8737, -9.7089, -0.1868 looks on a white background.

Color Contrast Check

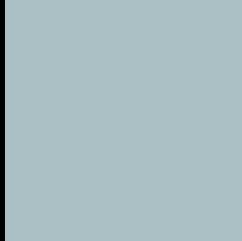
Large Text (above 18pt) WCAG AA × Fail

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 70.8737, -9.7089, -0.1868 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

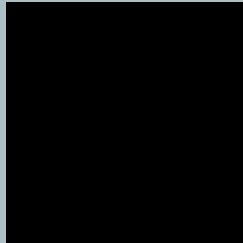
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

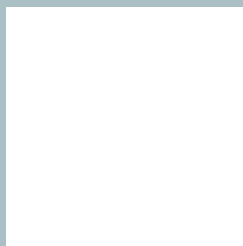
Any Text WCAG AAA ✓ Pass

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

HunterLab 70.8737, -9.7089, -0.1868 Background



This preview shows how black text looks on a background with the HunterLab color 70.8737, -9.7089, -0.1868.



This preview shows how white text looks on a background with the HunterLab color 70.8737, -9.7089, -0.1868.

-0.1868.

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

70.8737, -9.7089, -0.1868

Protanopia

70.8588, -2.1236, 1.4107

Deuteranopia

70.6758, 5.1452, -1.1791



Tritanopia

70.7487, -6.3203, -5.4507

Trichromacy



Original Color

70.8737, -9.7089, -0.1868

Protanomaly

70.8769, -5.0966, 0.8896

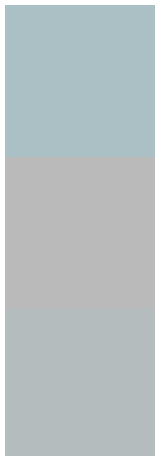
Deuteranomaly

70.7787, -0.6097, -0.6463

Tritanomaly

70.8405, -7.8458, -3.2521

Monochromacy



Original Color

70.8737, -9.7089, -0.1868

Achromatopsia

70.0729, -3.7389, 3.8072

Achromatomaly

70.2762, -5.8907, 2.1011

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.8737, -9.7089, -0.1868 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(170, 192, 196)` looks like.

```
.text, #text, p{  
    color:rgb(170, 192, 196)  
}
```

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(170, 192, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 192, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 70.8737, -9.7089, -0.1868 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(170, 192, 196) }
```


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

```
.border{ border-color:rgb(170, 192, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 192, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 192, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 192, 196); box-shadow:4px 4px 4px 4px rgb(170, 192, 196) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.8737, -9.7089, -0.1868 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 192, 196) }
```

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

```
.background{ background-color: rgb(170,  
192, 196) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor