

Converting Colors

HunterLab(68.7713, -10.9709,
6.9650)

Have a look what the booklet for
HunterLab(68.7713, -10.9709,
6.9650) contains.

HunterLab(68.7177, -10.6787, 6.7175)	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(68.7177,
-10.6787, 6.7175)**

Conversions

Conversions Part 1

Format	Color
Hex	AABBB0
RGB	170, 187, 176
RGB Percent	67%, 73%, 69%
CMY	0.3333, 0.2667, 0.3098
CMYK	0.09, 0.00, 0.06, 0.27
HSL	141°, 11%, 70%
HSV	141°, 9%, 73%
XYZ	42.1843, 47.2212, 47.9655
YIQ	180.6630, -6.6010, -7.0250

Conversions

Conversions Part 2

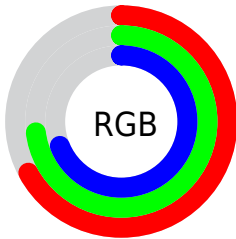
Format	Color
RYB	170, 183, 187
Decimal	11189168
CIELab	74.33, -7.97, 3.57
CIElCh	74, 8.727, 155.883
Yxy	47.2232, 0.3071, 0.3438
Android (android.graphics.Color)	4289379248 (0xFFAABBB0)
YUV	180.6630, -2.2989, -9.3515
Hunter-Lab	68.7177, -10.6787, 6.7175

Details

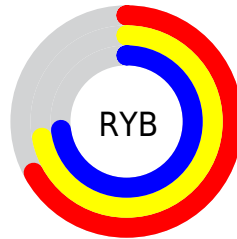
The HunterLab color $68.7177, -10.6787, 6.7175$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $65.3082, 3.8131, 0.6198$, and the grayscale version is $67.8478, -3.6202, 3.6863$.

A 20% lighter version of the original color is $92.7011, -12.6749, 8.0718$, and $47.2832, -8.6232, 5.0737$ is the 20% darker color. If you saturate the color by 10%, you get $66.9532, -17.7742, 9.8849$, and if you desaturate by 10%, it is $70.6812, -3.0485, 3.5421$.

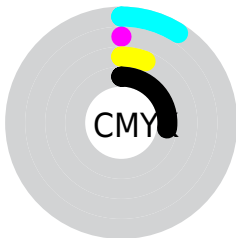
Distribution



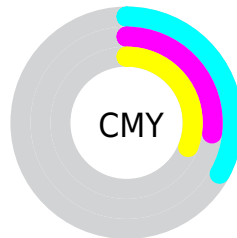
- Red (67%)
- Green (73%)
- Blue (69%)



- Red (67%)
- Yellow (72%)
- Blue (73%)



- Cyan (9%)
- Magenta (0%)
- Yellow (6%)
- Black (27%)



- Cyan (33%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.7177, -10.6787, 6.7175 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 68.7177, -10.6787, 6.7175 by changing the saturation by 10% instead.

■ 68.7177, -10.6787,
6.7175

■ 68.7177, -10.6787,
6.7175

193.8311,
-20.3591, 14.8069

■ 57.6300, -9.6716,
5.9372

■ 92.7614, -12.7305,
8.3542

■ 47.2113, -8.6708,
5.1803

105.6541,
-13.7752, 9.2079

■ 37.5092, -7.6737,
4.4476

119.0944,
-14.8342, 10.0850

■ 28.5814, -6.6739,
3.7381

133.0606,
-15.9082, 10.9851

■ 20.5018, -5.6604,
3.0495

147.5338,
-16.9974, 11.9078

■ 13.3712, -4.6129,
2.3759

162.4967,

■ 6.9254, -5.3816,

-18.1022, 12.8526

2.5113

177.9339,
-19.2228, 13.8191

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.7177, -10.6787,
6.7175

■ 68.7177, -10.6787,
6.7175

■ 66.9532, -17.7742,
9.8849

■ 70.6812, -3.0485,
3.5421

■ 65.3888, -24.2584,
13.0108

■ 72.8323, 5.0478,
0.3823

■ 64.0294, -30.0657,
16.0620

■ 75.1642, 13.5381,
-2.7392

■ 62.8760, -35.1394,
19.0026

■ 77.6681, 22.3570,
-5.8049

■ 61.9263, -39.4382,

■ 79.3020, 28.2946,

21.7958

-10.2598

■ 61.1744, -42.9422,
24.4064

■ 79.7606, 30.6128,
-16.6994

■ 60.6103, -45.6575,
26.8018

■ 80.0140, 31.8882,
-20.2414

■ 60.2185, -47.6215,
28.9536

■ 59.9664, -48.9553,
30.8297

Harmonies

Analogous

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



68.7192, -8.2052, 9.5126



68.7177, -10.6787, 6.7175



68.7192, -11.2960, 2.9718

Triad

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



68.7192, -10.6802, 6.7185



68.7192, -2.8650, -4.0988



68.7192, 2.7974, 7.9696

Complementary

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



68.7177, -10.6787, 6.7175



65.3082, 3.8131, 0.6198

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.



68.7192, 4.3030, 4.5005



68.7177, -10.6787, 6.7175



68.7192, 0.9852, -2.5801

Square

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



68.7192, -10.6802, 6.7185



68.7192, -6.8444, -3.4200



68.7192, 3.6322, 0.6231



68.7192, -0.4377, 10.2049

Rectangle

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



68.7177, -10.6787, 6.7175



68.7192, -10.5822, 0.4049



68.7192, 3.6322, 0.6231



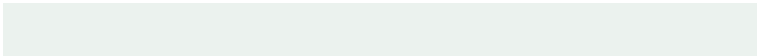
68.7192, 3.5259, 6.9170

Sweetspot

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



68.7192, -10.6802, 6.7185



93.5194, -8.1998, 6.4211



69.4802, -8.3054, 10.2149



43.7857, -4.2377, 3.1748



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.



68.7192, -10.6802, 6.7185



91.4485, -16.3353, 9.8772



68.9698, -9.2841, 3.1387



32.7166, -5.1820, 3.2413



49.7708, -40.6451, 25.5318



9.9142, -7.6481, 4.1182

Inverse Universe

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



65.3082, 3.8131, 0.6198



85.8512, 7.4538, -0.1290



65.0500, 2.4248, 4.2985



31.0444, 1.9235, 0.2515



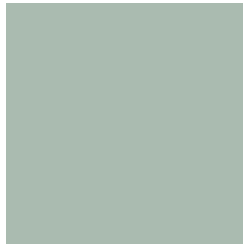
28.7136, 52.5351, -7.5095



5.7874, 10.7716, -2.9310

Previews

White Background



This preview shows how the HunterLab color 68.7177, -10.6787, 6.7175 looks on a white background.

Color Contrast Check

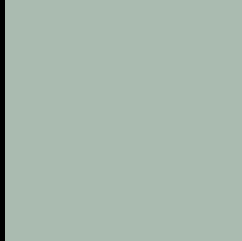
Large Text (above 18pt) WCAG AA × Fail

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 68.7177, -10.6787, 6.7175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

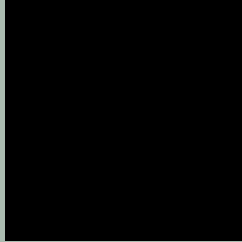
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

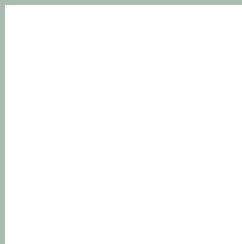
Any Text WCAG AAA ✓ Pass

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

HunterLab 68.7177, -10.6787, 6.7175 Background



This preview shows how black text looks on a background with the HunterLab color 68.7177, -10.6787, 6.7175.



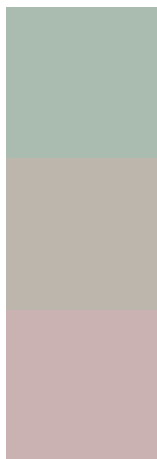
This preview shows how white text looks on a background with the HunterLab color 68.7177, -10.6787, 6.7175.

-10.6787, 6.7175.

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

68.7177, -10.6787, 6.7175

Protanopia

68.6763, -3.1964, 8.1304

Deuteranopia

68.7133, 4.7428, 6.0806



Tritanopia

68.8163, -4.2519, -3.7004

Trichromacy



Original Color

68.7177, -10.6787, 6.7175

Protanomaly

68.6737, -6.2369, 7.6345

Deuteranomaly

68.6799, -1.4280, 6.3871

Tritanomaly

68.7749, -6.4772, 0.2686

Monochromacy



Original Color

68.7177, -10.6787, 6.7175

Achromatopsia

67.9762, -3.6270, 3.6933

Achromatomaly

68.1680, -6.1692, 4.8033

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.7177, -10.6787, 6.7175 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, 187, 176)` looks like.

```
.text, #text, p{  
    color:rgb(170, 187, 176)  
}
```

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, 187, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 187, 176) }
```

Border

The CSS property to change the border of an element to HunterLab 68.7177, -10.6787, 6.7175 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, 187, 176) }
```


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

```
.border{ border-color:rgb(170, 187, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 187, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 187, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 187, 176); box-shadow:4px 4px 4px 4px rgb(170, 187, 176) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.7177, -10.6787, 6.7175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 187, 176) }
```

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

```
.background{ background-color: rgb(170,  
187, 176) }
```

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