

Converting Colors

HunterLab(71.0511, -19.6134,
3.8045)

Have a look what the booklet for
HunterLab(71.0511, -19.6134,
3.8045) contains.

HunterLab(70.9990, -19.4959, 3.6773)	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(70.9990,
-19.4959, 3.6773)**

Conversions

Conversions Part 1

Format	Color
Hex	95C6BC
RGB	149, 198, 188
RGB Percent	58%, 78%, 74%
CMY	0.4157, 0.2235, 0.2627
CMYK	0.25, 0.00, 0.05, 0.22
HSL	168°, 30%, 68%
HSV	168°, 25%, 78%
XYZ	41.6656, 50.4086, 55.1107
YIQ	182.2090, -25.9940, -13.4980

Conversions

Conversions Part 2

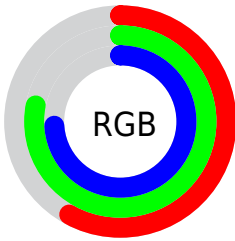
Format	Color
RYB	149, 176, 198
Decimal	9815740
CIELab	76.32, -18.10, -0.22
CIElCh	76, 18.106, 180.682
Yxy	50.4106, 0.2831, 0.3425
Android (android.graphics.Color)	4288005820 (0xFF95C6BC)
YUV	182.2090, 2.8550, -29.1243
Hunter-Lab	70.9990, -19.4959, 3.6773

Details

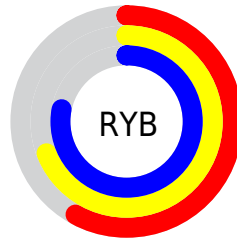
The HunterLab color $70.9990, -19.4959, 3.6773$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $60.0044, 14.8641, 4.8221$, and the grayscale version is $68.4798, -3.6539, 3.7206$.

A 20% lighter version of the original color is $95.3357, -22.6850, 5.1205$, and $49.2313, -16.2641, 2.4464$ is the 20% darker color. If you saturate the color by 10%, you get $69.6649, -24.7359, 3.9190$, and if you desaturate by 10%, it is $72.5333, -13.6465, 3.6714$.

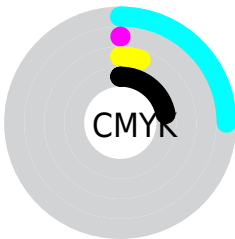
Distribution



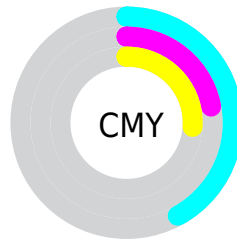
- Red (58%)
- Green (78%)
- Blue (74%)



- Red (58%)
- Yellow (69%)
- Blue (78%)



- Cyan (25%)
- Magenta (0%)
- Yellow (5%)
- Black (22%)





- Cyan (42%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 70.9990, -19.4959, 3.6773 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 70.9990, -19.4959, 3.6773 by changing the saturation by 10% instead.


 70.9990, -19.4959,
3.6773

 70.9990, -19.4959,
3.6773


197.0456,
-33.1014, 10.4639

 59.7828, -17.9399,
3.0781


 95.2801, -22.5544,
4.9808

 49.2273, -16.3525,
2.5145


 108.2836,
-24.0663, 5.6796

 39.3786, -14.7218,
1.9902


121.8300,
-25.5725, 6.4084

 30.2916, -13.0282,
1.5084

135.8985,
-27.0758, 7.1660

 22.0364, -11.2406,
1.0731

150.4704,
-28.5786, 7.9512

 14.7073, -9.3042,
0.6900

165.5288,

 8.3650, -9.8779,

-30.0829, 8.7631

0.3485

181.0585,
-31.5900, 9.6009

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.9990, -19.4959,
3.6773

■ 70.9990, -19.4959,
3.6773

■ 69.6649, -24.7359,
3.9190

■ 72.5333, -13.6465,
3.6714

■ 68.5264, -29.3224,
4.3903

■ 74.2613, -7.2346,
3.8964

■ 67.5821, -33.2290,
5.0838

■ 76.1804, -0.3173,
4.3477

■ 66.8258, -36.4457,
5.9853

■ 78.2848, 7.0468,
5.0161

■ 66.2477, -38.9832,

■ 80.5677, 14.7999,

7.0746

5.8900

■ 65.8334, -40.8768,
8.3258

■ 81.4961, 18.0405,
5.0967

■ 65.5629, -42.1924,
9.7059

■ 81.6230, 18.7000,
3.2878

■ 65.4556, -42.7418,
10.4533

■ 81.7527, 19.3738,
1.4398

■ 81.8855, 20.0619,
-0.4473

Harmonies

Analogous

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



71.0005, -17.5675, 11.1050



70.9990, -19.4959, 3.6773



71.0005, -17.3869, -4.5889

Triad

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



71.0005, -19.4970, 3.6783



71.0005, 4.7943, -10.9459



71.0005, 4.4397, 16.1948

Complementary

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



70.9990, -19.4959, 3.6773



60.0044, 14.8641, 4.8221

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.



71.0005, 10.9092, 11.3918



70.9990, -19.4959, 3.6773



71.0005, 11.1207, -4.2287

Square

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



71.0005, -19.4970, 3.6783



71.0005, -3.5964, -13.6220



71.0005, 13.4086, 4.0507



71.0005, -3.9878, 17.7935

Rectangle

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



70.9990, -19.4959, 3.6773



71.0005, -13.9132, -9.3322



71.0005, 13.4086, 4.0507



71.0005, 6.9295, 14.9319

Sweetspot

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



71.0005, -19.4970, 3.6783



98.2537, -11.7015, 5.0869



70.7067, -22.6523, 19.3291



45.3898, -5.6602, 2.3429

0.0000, NaN, NaN



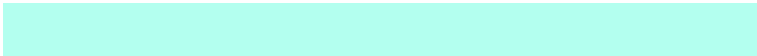
46.2646, -2.4686, 2.5136

Same Dimension

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



71.0005, -19.4970, 3.6783



93.4339, -30.0232, 5.0393



66.9314, -11.1101, -6.2804



34.6829, -4.8523, 1.7775



52.7960, -34.3950, 8.2585



11.5304, -7.2299, 1.1952

Inverse Universe

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



60.0044, 14.8641, 4.8221



75.6309, 25.8008, 6.9903



63.5061, 6.3306, 12.6961



32.6677, 1.4121, 1.9705



28.1411, 48.5890, 15.1109



6.2102, 10.8923, 2.0195

Previews

White Background



This preview shows how the HunterLab color 70.9990, -19.4959, 3.6773 looks on a white background.

Color Contrast Check

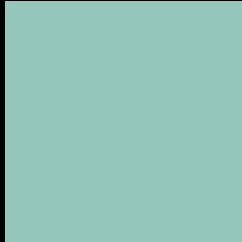
Large Text (above 18pt) WCAG AA × Fail

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 70.9990, -19.4959, 3.6773 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

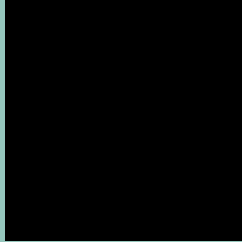
Any Text WCAG AA ✓ Pass

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 70.9990, -19.4959, 3.6773 Background



This preview shows how black text looks on a background with the HunterLab color 70.9990, -19.4959, 3.6773.



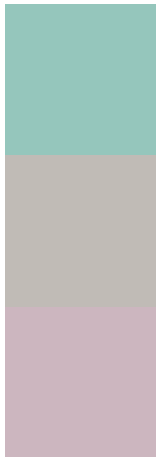
This preview shows how white text looks on a background with the HunterLab color 70.9990,

-19.4959, 3.6773.

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

70.9990, -19.4959, 3.6773

Protanopia

70.7987, -2.9993, 6.5114

Deuteranopia

70.7495, 4.9460, 2.3755



Tritanopia

71.1009, -12.7729, -7.2559

Trichromacy



Original Color

70.9990, -19.4959, 3.6773

Protanomaly

70.6770, -9.5616, 5.3421

Deuteranomaly

70.6219, -4.6808, 2.5365

Tritanomaly

71.0067, -15.2877, -3.1706

Monochromacy



Original Color

70.9990, -19.4959, 3.6773

Achromatopsia

68.3947, -3.6494, 3.7160

Achromatomaly

69.2627, -9.8447, 3.6889

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.9990, -19.4959, 3.6773 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(149, 198, 188)` looks like.

```
.text, #text, p{  
    color:rgb(149, 198, 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(149, 198, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 198, 188) }
```

Border

The CSS property to change the border of an element to HunterLab 70.9990, -19.4959, 3.6773 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(149, 198, 188) }
```


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

```
.border{ border-color:rgb(149, 198, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 198, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 198, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 198, 188);  
box-shadow:4px 4px 4px 4px rgb(149, 198,  
188) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.9990, -19.4959, 3.6773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 198, 188) }
```

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

```
.background{ background-color: rgb(149,  
198, 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](#).

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