

# Converting Colors

HunterLab(83.8112, -19.8476,  
1.2510)

Have a look what the booklet for  
HunterLab(83.8112, -19.8476,  
1.2510) contains.

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# Color

**HunterLab(83.8651,  
-19.9996, 1.4710)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B2E4E0
RGB	178, 228, 224
RGB Percent	70%, 89%, 88%
CMY	0.3020, 0.1059, 0.1216
CMYK	0.22, 0.00, 0.02, 0.11
HSL	175°, 48%, 80%
HSV	175°, 22%, 89%
XYZ	59.5580, 70.3335, 80.9577
YIQ	212.5940, -28.5160, -11.8440

# Conversions

## Conversions Part 2

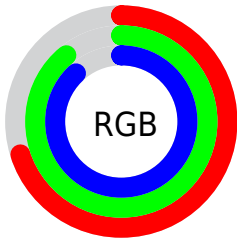
Format	Color
<b>RYB</b>	178, 204, 228
Decimal	11724000
CIELab	87.16, -16.80, -3.32
CIElCh	87, 17.121, 191.196
Yxy	70.3364, 0.2825, 0.3336
Android (android.graphics.Color)	4289914080 (0xFFB2E4E0)
YUV	212.5940, 5.6232, -30.3389
Hunter-Lab	83.8651, -19.9996, 1.4710

# Details

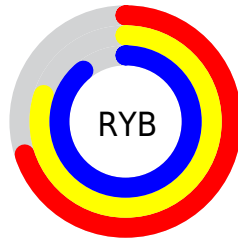
The HunterLab color  $83.8651, -19.9996, 1.4710$  is a light color, and the websafe version is hex  $99CCCC$ . A complement of this color would be  $71.9125, 14.0521, 8.0679$ , and the grayscale version is  $81.3831, -4.3424, 4.4217$ .

A 20% lighter version of the original color is  $98.1846, -11.7097, 3.1658$ , and  $60.5431, -16.8344, 0.2525$  is the 20% darker color. If you saturate the color by 10%, you get  $82.3172, -25.8546, 0.4062$ , and if you desaturate by 10%, it is  $85.6510, -13.4207, 2.8221$ .

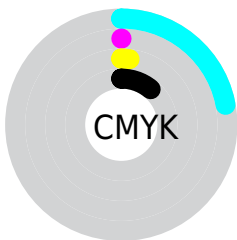
# Distribution



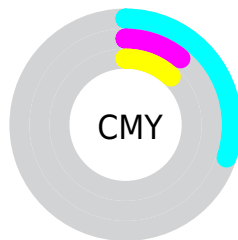
- Red (70%)
- Green (89%)
- Blue (88%)



- Red (70%)
- Yellow (80%)
- Blue (89%)



- Cyan (22%)
- Magenta (0%)
- Yellow (2%)
- Black (11%)



- Cyan (30%)
- Magenta (11%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.8651, -19.9996, 1.4710 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 83.8651, -19.9996, 1.4710 by changing the saturation by 10% instead.



■ 83.8651, -19.9996,  
1.4710

■ 83.8651, -19.9996,  
1.4710

214.8791,  
-33.0967, 7.5008

■ 71.9728, -18.5337,  
0.9727

■ 109.4022,  
-22.9083, 2.5859

■ 60.7012, -17.0502,  
0.5148

122.9933,  
-24.3561, 3.1956

■ 50.0885, -15.5426,  
0.1020

137.1049,  
-25.8037, 3.8384

■ 40.1784, -13.9993,  
-0.2616

151.7183,  
-27.2530, 4.5127

■ 31.0249, -12.4034,  
-0.5705

166.8169,  
-28.7058, 5.2172

■ 22.6965, -10.7278,  
-0.8172

182.3855,

■ 15.2850, -8.9255,

-30.1633, 5.9507

-0.9912

198.4105,  
-31.6267, 6.7122

■ 8.9041, -8.6947,  
-1.1032

0.0000, NaN, NaN

■ 83.8651, -19.9996,  
1.4710

■ 83.8651, -19.9996,  
1.4710

■ 82.3172, -25.8546,  
0.4062

■ 85.6510, -13.4207,  
2.8221

■ 81.0020, -30.9360,  
-0.3682

■ 87.6672, -6.1711,  
4.4430

■ 79.9176, -35.2155,  
-0.8490

■ 89.9105, 1.6837,  
6.3182

■ 79.0570, -38.6832,  
-1.0416

■ 90.8493, 4.9781,  
6.5828

■ 78.4086, -41.3532,  
-0.9594

■ 90.9064, 5.2849,  
5.7668

■ 77.9560, -43.2676,  
-0.6243

■ 90.9641, 5.5945,  
4.9434

■ 77.6764, -44.5017,  
-0.0685

■ 91.0224, 5.9069,  
4.1125

■ 77.5436, -45.1281,  
0.4959

■ 91.0812, 6.2221,  
3.2743

■ 91.1406, 6.5401,  
2.4286

# Harmonies

## Analogous

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



83.8668, -19.4776, 9.4499



83.8651, -19.9996, 1.4710



83.8668, -16.4917, -6.3992

# Triad

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



83.8668, -20.0009, 1.4722



83.8668, 6.6225, -8.0721



83.8668, 0.8843, 18.0577

# Complementary

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



83.8651, -19.9996, 1.4710



71.9125, 14.0521, 8.0679

# 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.



83.8668, 8.2494, 14.2236



83.8651, -19.9996, 1.4710



83.8668, 11.6529, -0.6324

# Square

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



83.8668, -20.0009, 1.4722



83.8668, -1.2642, -12.2658



83.8668, 12.2600, 7.5445



83.8668, -7.6469, 18.4996

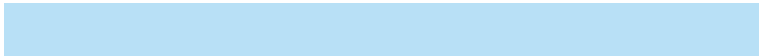


# Rectangle

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



83.8651, -19.9996, 1.4710



83.8668, -12.2523, -10.3233



83.8668, 12.2600, 7.5445



83.8668, 3.5873, 17.1423

# Sweetspot

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



83.8668, -20.0009, 1.4722



98.3253, -11.3047, 4.0659



82.8670, -26.3028, 20.4651



45.4258, -5.4605, 1.8297

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

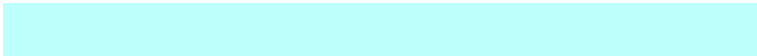


# Same Dimension

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



83.8668, -20.0009, 1.4722



94.4369, -25.6221, 1.1195



77.3144, -8.9675, -8.8060



40.3924, -5.4819, 1.4998



58.9305, -34.2494, 0.2766



16.0381, -9.1991, -0.1880



# Inverse Universe

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



71.9125, 14.0521, 8.0679



78.3720, 20.2576, 10.0317



77.7694, 2.5784, 15.8542



37.9297, 1.5015, 2.8455



30.9140, 53.0462, 19.1610

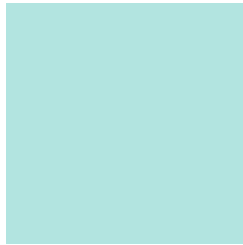


8.4425, 14.5640, 4.6338



# Previews

## White Background



This preview shows how the HunterLab color 83.8651, -19.9996, 1.4710 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

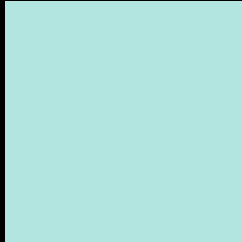
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 83.8651, -19.9996, 1.4710 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

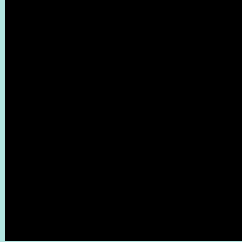
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

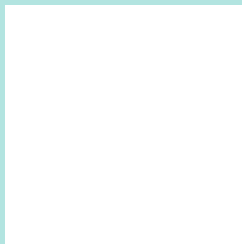
Any Text WCAG AAA ✓ Pass

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

# HunterLab 83.8651, -19.9996, 1.4710 Background



This preview shows how black text looks on a background with the HunterLab color 83.8651, -19.9996, 1.4710.



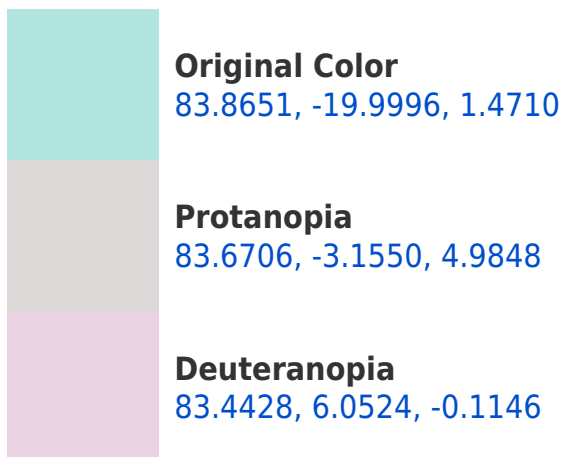
This preview shows how white text looks on a background with the HunterLab color 83.8651, -19.9996, 1.4710.

-19.9996, 1.4710.

# 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





## Tritanopia

83.8252, -13.8296, -8.5647

# Trichromacy



**Original Color**

83.8651, -19.9996, 1.4710

**Protanomaly**

83.5819, -9.6915, 3.3020

**Deuteranomaly**

83.3144, -3.8135, 0.0674

**Tritanomaly**

83.8288, -15.9743, -4.7519

# Monochromacy



**Original Color**

83.8651, -19.9996, 1.4710

**Achromatopsia**

81.5713, -4.3524, 4.4319

**Achromatomaly**

82.1169, -10.2046, 3.0240

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 83.8651, -19.9996, 1.4710 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(178, 228, 224)` looks like.

```
.text, #text, p{  
    color:rgb(178, 228, 224)  
}
```

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(178, 228, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 228, 224) }
```

## Border

The CSS property to change the border of an element to HunterLab 83.8651, -19.9996, 1.4710 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(178, 228, 224) }
```



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

```
.border{ border-color:rgb(178, 228, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 228, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 228, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 228, 224);  
box-shadow:4px 4px 4px 4px rgb(178, 228,  
224) }
```

# Background

The CSS property to change the background color of an element to HunterLab 83.8651, -19.9996, 1.4710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 228, 224) }
```

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

```
.background{ background-color: rgb(178,  
228, 224) }
```

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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