

# Converting Colors

HunterLab(83.3507, -16.4656,  
-2.1321)

Have a look what the booklet for  
HunterLab(83.3507, -16.4656,  
-2.1321) contains.

<b>HunterLab(83.3719, -16.3706, -2.1521)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(83.3719,  
-16.3706, -2.1521)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B6E1E6
RGB	182, 225, 230
RGB Percent	71%, 88%, 90%
CMY	0.2863, 0.1176, 0.0980
CMYK	0.21, 0.02, 0.00, 0.10
HSL	186°, 49%, 81%
HSV	186°, 21%, 90%
XYZ	60.4996, 69.5087, 85.0908
YIQ	212.7130, -27.2330, -7.5610

# Conversions

## Conversions Part 2

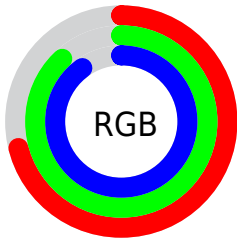
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	182, 205, 230
Decimal	11985382
CIE Lab	86.76, -12.81, -7.05
CIE LCh	87, 14.621, 208.848
Yxy	69.5116, 0.2813, 0.3232
Android (android.graphics.Color)	4290175462 (0xFFB6E1E6)
YUV	212.7130, 8.5225, -26.9353
Hunter-Lab	83.3719, -16.3706, -2.1521

# Details

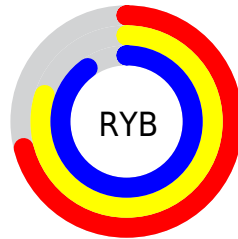
The HunterLab color **83.3719, -16.3706, -2.1521** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **74.6601, 10.0400, 11.0347**, and the grayscale version is **81.4220, -4.3445, 4.4238**.

A 20% lighter version of the original color is **98.5346, -10.4714, 3.6061**, and **60.3604, -13.9130, -2.8880** is the 20% darker color. If you saturate the color by 10%, you get **81.0257, -20.9264, -5.2200**, and if you desaturate by 10%, it is **85.9358, -11.1383, 1.1069**.

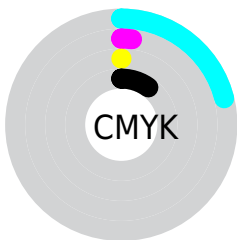
# Distribution



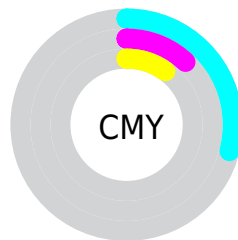
- Red (71%)
- Green (88%)
- Blue (90%)



- Red (71%)
- Yellow (80%)
- Blue (90%)



- Cyan (21%)
- Magenta (2%)
- Yellow (0%)
- Black (10%)



- Cyan (29%)
- Magenta (12%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.3719, -16.3706, -2.1521 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 83.3719, -16.3706, -2.1521 by changing the saturation by 10% instead.



■ 83.3719, -16.3706,  
-2.1521

■ 83.3719, -16.3706,  
-2.1521

214.2039,  
-27.9886, 2.6653

■ 71.5042, -15.1075,  
-2.4900

■ 108.8632,  
-18.9037, -1.3387

■ 60.2585, -13.8394,  
-2.7800

122.4328,  
-20.1762, -0.8714

■ 49.6733, -12.5620,  
-3.0164

136.5237,  
-21.4555, -0.3664

■ 39.7927, -11.2676,  
-3.1934

151.1171,  
-22.7427, 0.1745

■ 30.6712, -9.9443,  
-3.3040

166.1964,  
-24.0389, 0.7495

■ 22.3779, -8.5729,  
-3.3389

181.7463,

■ 15.0060, -7.1199,

-25.3449, 1.3572

-3.2857

197.7530,  
-26.6613, 1.9962

■ 8.6488, -6.9144,  
-3.2007

0.0000, NaN, -NF

■ 83.3719, -16.3706,  
-2.1521

■ 83.3719, -16.3706,  
-2.1521

■ 81.0257, -20.9264,  
-5.2200

■ 85.9358, -11.1383,  
1.1069

■ 78.8970, -24.7514,  
-8.0767

■ 88.7054, -5.2827,  
4.5288

■ 76.9897, -27.8066,  
-10.6992

■ 91.6746, 1.1355,  
8.0914

■ 75.3030, -30.0678,  
-13.0694

■ 92.8177, 1.2504,  
9.3940

■ 73.8318, -31.5313,  
-15.1763

■ 93.5566, -0.0218,  
10.2048

■ 72.5654, -32.2207,  
-17.0177

■ 94.2995, -1.2908,  
11.0142

■ 71.4864, -32.1946,  
-18.6054

■ 95.0465, -2.5566,  
11.8222

■ 70.6280, -31.6850,  
-19.8801

■ 95.7973, -3.8192,  
12.6288

■ 96.5520, -5.0786,  
13.4340

# Harmonies

## Analogous

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



83.3736, -18.0017, 4.8057



83.3719, -16.3706, -2.1521



83.3736, -11.5768, -7.6905

# Triad

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



83.3736, -16.3719, -2.1508



83.3736, 7.8773, -2.6539



83.3736, -4.1712, 16.7924

# Complementary

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



83.3719, -16.3706, -2.1521



74.6601, 10.0400, 11.0347

# 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.



83.3736, 2.9182, 15.1561



83.3719, -16.3706, -2.1521



83.3736, 10.0200, 4.2699

# Square

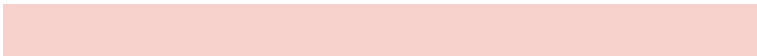
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.3736, -16.3719, -2.1508



83.3736, 2.4141, -7.9981



83.3736, 8.1753, 10.7152



83.3736, -11.1050, 15.3871



# Rectangle

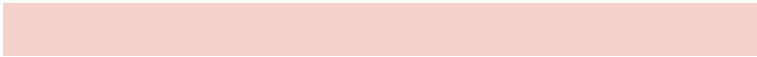
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.3719, -16.3706, -2.1521



83.3736, -7.1453, -9.6233



83.3736, 8.1753, 10.7152



83.3736, -1.7263, 16.5825

# Sweetspot

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



83.3736, -16.3719, -2.1508



98.0820, -9.4218, 3.0828



83.7373, -26.0205, 17.9335



45.2829, -4.5581, 1.3096

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



83.3736, -16.3719, -2.1508



92.5673, -20.6891, -3.9195



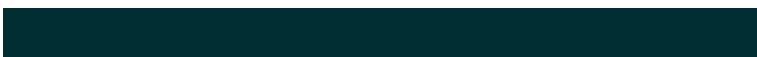
75.8461, -4.4465, -11.8642



40.0830, -4.8046, 0.7345



53.2421, -23.9673, -14.8096



14.7272, -6.8347, -3.6537



# Inverse Universe

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



74.6437, 19.9179, -10.2406



80.8892, 28.1962, -14.9731



81.6646, -2.3187, 18.1490



38.1943, 2.9213, -0.9207



34.7266, 66.7705, -34.1496

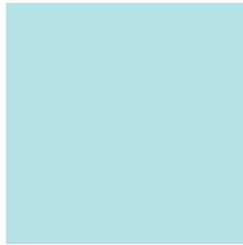


9.4796, 18.2893, -9.8055



# Previews

## White Background



This preview shows how the HunterLab color 83.3719, -16.3706, -2.1521 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

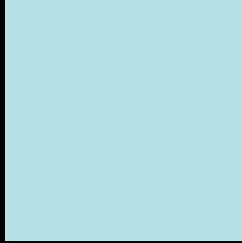
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 83.3719, -16.3706, -2.1521 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

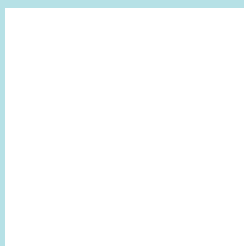
Any Text WCAG AAA ✓ Pass

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

## HunterLab 83.3719, -16.3706, -2.1521 Background



This preview shows how black text looks on a background with the HunterLab color 83.3719, -16.3706, -2.1521.



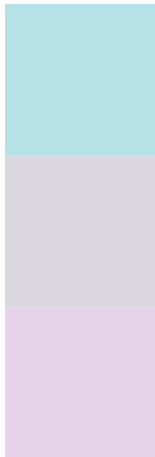
This preview shows how white text looks on a background with the HunterLab color 83.3719,

-16.3706,-2.1521.

# 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

83.3719, -16.3706, -2.1521

### Protanopia

82.9989, -1.8688, 0.7343

### Deuteranopia

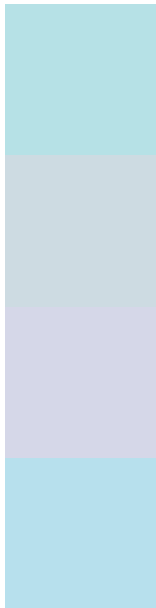
82.9454, 6.3212, -3.8839



## Tritanopia

83.2566, -12.7039, -8.1834

# Trichromacy



## Original Color

83.3719, -16.3706, -2.1521

## Protanomaly

83.1464, -7.6036, -0.2059

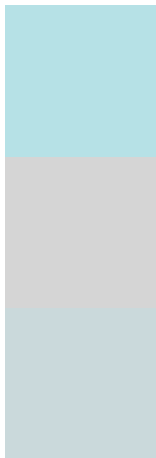
## Deuteranomaly

82.8089, -1.9877, -3.6695

## Tritanomaly

83.3625, -14.2613, -5.8665

# Monochromacy



## Original Color

83.3719, -16.3706, -2.1521

## Achromatopsia

81.5713, -4.3524, 4.4319

## Achromatomaly

82.0346, -8.7494, 1.9594

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 83.3719, -16.3706, -2.1521 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(182, 225, 230)` looks like.

```
.text, #text, p{  
    color:rgb(182, 225, 230)  
}
```

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(182, 225, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 225, 230) }
```

## Border

The CSS property to change the border of an element to HunterLab 83.3719, -16.3706, -2.1521 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(182, 225, 230) }
```



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

```
.border{ border-color:rgb(182, 225, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 225, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 225, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 225, 230);  
box-shadow:4px 4px 4px 4px rgb(182, 225,  
230) }
```

# Background

The CSS property to change the background color of an element to HunterLab 83.3719, -16.3706, -2.1521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 225, 230) }
```

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

```
.background{ background-color: rgb(182,  
225, 230) }
```

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