

# Converting Colors

HunterLab(75.3404, -5.0604,  
-17.3734)



Have a look what the booklet for  
HunterLab(75.3404, -5.0604,  
-17.3734) contains.

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# Color

**HunterLab(75.3861, -5.1225,  
-17.2551)**



# Conversions

Conversions Part 1	
Format	Color
Hex	ADC9EE
RGB	173, 201, 238
RGB Percent	68%, 79%, 93%
CMY	0.3216, 0.2117, 0.0667
CMYK	0.27, 0.16, 0.00, 0.07
HSL	214°, 66%, 81%
HSV	214°, 27%, 93%
XYZ	53.5529, 56.8306, 89.0359
YIQ	196.8460, -28.5650, 5.5710



# Conversions

## Conversions Part 2

Format	Color
<a href="#">RYB</a>	<a href="#">173, 193, 238</a>
Decimal	<a href="#">11389422</a>
CIELab	<a href="#">80.09, -1.19, -21.36</a>
CIELCh	<a href="#">80, 21.394, 266.818</a>
Yxy	<a href="#">56.8329, 0.2685, 0.2850</a>
Android (android.graphics.Color)	<a href="#">4289579502</a> (0xFFADC9EE)
YUV	<a href="#">196.8460, 20.2889, -20.9129</a>
Hunter-Lab	<a href="#">75.3861, -5.1225, -17.2551</a>



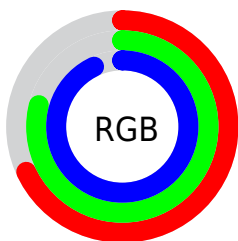
# Details

The HunterLab color **75.3861, -5.1225, -17.2551** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **82.0293, -0.2579, 21.9648**, and the grayscale version is **74.5835, -3.9796, 4.0523**.

A 20% lighter version of the original color is **97.6719, -13.5318, 2.5181**, and **53.0724, -3.7989, -16.8043** is the 20% darker color. If you saturate the color by 10%, you get **69.5102, -4.2050, -26.2384**, and if you desaturate by 10%, it is **81.4798, -5.4640, -8.7490**.



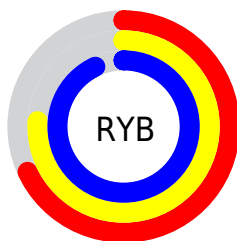
# Distribution



Red (68%)

Green (79%)

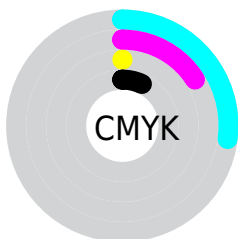
Blue (93%)



Red (68%)

Yellow (76%)

Blue (93%)

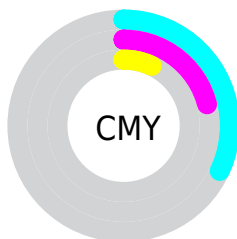


Cyan (27%)

Magenta (16%)

Yellow (0%)

Black (7%)



Cyan (32%)

Magenta (21%)

Yellow (7%)





# Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.3861, -5.1225, -17.2551 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 75.3861, -5.1225, -17.2551 by changing the saturation by 10% instead.





 75.3861, -5.1225,  
-17.2551

 75.3861, -5.1225,  
-17.2551

203.1804,  
-12.3807, -16.9217

 63.9305, -4.4525,  
-17.0266


 100.1106, -6.5533,  
-17.5299

 53.1210, -3.8126,  
-16.7364


113.3211, -7.3100,  
-17.5851

 43.0004, -3.2052,  
-16.3817


127.0664, -8.0933,  
-17.5889

 33.6193, -2.6320,  
-15.9639

141.3266, -8.9023,  
-17.5440

 25.0415, -2.0948,  
-15.4936

156.0835, -9.7362,  
-17.4527

 17.3505, -1.5957,  
-15.0066

171.3210,


 10.6638, -1.1367,




-10.5943, -17.3172


-14.6246


187.0245,  
-11.4760, -17.1396


 0.9730, -1.7028,  
-97.4538

0.0000, NaN, -NF


 75.3861, -5.1225,  
-17.2551


 75.3861, -5.1225,  
-17.2551


 69.5102, -4.2050,  
-26.2384

 81.4798, -5.4640,  
-8.7490


 63.8754, -2.6069,  
-35.7690

 87.7634, -5.3131,  
-0.6602

 58.5169, -0.2126,  
-45.9046

 94.2189, -4.7427,  
7.0718

 53.4739, 3.1035,  
-56.6834

 99.4752, -8.2185,  
12.9396



■ 48.7914, 7.4607,  
-68.0996

■ 44.5175, 12.9416,  
-80.0740

■ 40.6920, 19.5259,  
-92.4443

■ 39.7244, 21.4137,  
-95.8781



# Harmonies

## Analogous

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



75.3876, -14.5704, -13.4436



75.3861, -5.1225, -17.2551



75.3876, 5.1257, -14.7368



# Triad

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



75.3876, -5.1234, -17.2537



75.3876, 14.4900, 12.1241



75.3876, -19.9082, 13.7105



# Complementary

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



75.3861, -5.1225, -17.2551



82.0293, -0.2579, 21.9648



# 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.



75.3876, -12.7620, 19.0654



75.3861, -5.1225, -17.2551



75.3876, 7.1306, 18.2396



# Square

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



75.3876, -5.1234, -17.2537



75.3876, 16.8016, 3.0496



75.3876, -2.9233, 20.6061



75.3876, -22.8133, 5.1425



# Rectangle

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



75.3861, -5.1225, -17.2551



75.3876, 10.9775, -9.9727



75.3876, -2.9233, 20.6061



75.3876, -17.9418, 15.8994

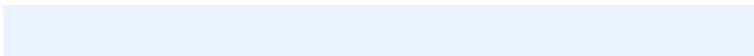


# Sweetspot

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



75.3876, -5.1234, -17.2537



94.4182, -5.7737, -1.3301



86.4173, -28.4914, 10.9920



43.2026, -2.6945, -1.2163

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136







# Same Dimension

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



75.3876, -5.1234, -17.2537



77.8048, -5.0462, -24.2398



67.4153, 10.6657, -29.4130



40.4334, -2.5199, -1.1155



30.0823, 15.0752, -70.1433



9.7299, 2.1688, -16.8433







# Inverse Universe

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



72.3070, 23.4269, -0.3472



74.0534, 32.0239, -1.1228



90.3346, -15.9313, 29.4354



39.8396, 2.2169, 1.3253



32.7214, 57.7657, 7.7383



9.5409, 17.0376, 0.7502

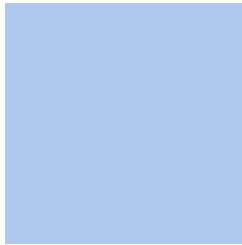






# Previews

## White Background



This preview shows how the HunterLab color 75.3861, -5.1225, -17.2551 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

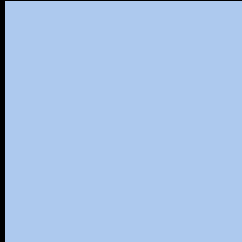
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 75.3861, -5.1225, -17.2551 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

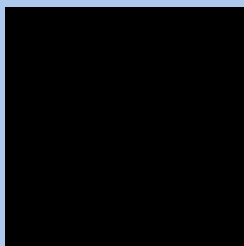
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

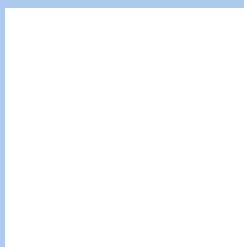
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## HunterLab 75.3861, -5.1225, -17.2551 Background



This preview shows how black text looks on a background with the HunterLab color 75.3861, -5.1225, -17.2551.



This preview shows how white text looks on a background with the HunterLab color 75.3861, -5.1225, -17.2551.



-17.2551.



# 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

75.3861, -5.1225, -17.2551

### Protanopia

75.1167, 1.5487, -15.7236

### Deuteranopia

75.2900, 5.5082, -17.8175





## Tritanopia


75.3578, -11.3727, -7.0369



# Trichromacy

	<b>Original Color</b>
	75.3861, -5.1225, -17.2551
	<b>Protanomaly</b>
	75.2560, -1.0023, -16.1660
	<b>Deuteranomaly</b>
	75.4028, 1.2884, -17.7257
	<b>Tritanomaly</b>
	75.3684, -9.2166, -10.8893

# Monochromacy

	<b>Original Color</b>
	75.3861, -5.1225, -17.2551
	<b>Achromatopsia</b>
	74.7222, -3.9870, 4.0598
	<b>Achromatomaly</b>
	74.7215, -4.5901, -3.4611



# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 75.3861, -5.1225, -17.2551 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(173, 201, 238)` looks like.

```
.text, #text, p{  
    color:rgb(173, 201, 238)  
}
```



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(173, 201, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 201, 238) }
```

## Border

The CSS property to change the border of an element to HunterLab 75.3861, -5.1225, -17.2551 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(173, 201, 238) }
```



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

```
.border{ border-color:rgb(173, 201, 238) }
```

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

Here you see how a box with a 4 pixel rgb(173, 201, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 201, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 201, 238);  
box-shadow:4px 4px 4px 4px rgb(173, 201,  
238) }
```



# Background

The CSS property to change the background color of an element to HunterLab 75.3861, -5.1225, -17.2551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 201, 238) }
```

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

```
.background{ background-color: rgb(173,  
201, 238) }
```

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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