

Converting Colors

HunterLab(77.5200, -7.8654,
-13.7427)

Have a look what the booklet for
HunterLab(77.5200, -7.8654,
-13.7427) contains.

HunterLab(77.3654, -7.8500, -13.8669)	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(77.3654, -7.8500,
-13.8669)**

Conversions

Conversions Part 1	
Format	Color
Hex	AFCFED
RGB	175, 207, 237
RGB Percent	69%, 81%, 93%
CMY	0.3137, 0.1882, 0.0706
CMYK	0.26, 0.13, 0.00, 0.07
HSL	209°, 63%, 81%
HSV	209°, 26%, 93%
XYZ	55.2781, 59.8541, 88.7604
YIQ	200.8520, -28.7020, 2.5460

Conversions

Conversions Part 2

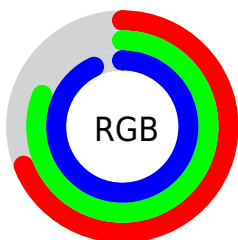
Format	Color
RYB	175, 196, 237
Decimal	11522029
CIELab	81.76, -4.02, -18.28
CIELCh	82, 18.717, 257.605
Yxy	59.8565, 0.2711, 0.2936
Android (android.graphics.Color)	4289712109 (0xFFAFCFED)
YUV	200.8520, 17.8210, -22.6722
Hunter-Lab	77.3654, -7.8500, -13.8669

Details

The HunterLab color **77.3654, -7.8500, -13.8669** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **80.4753, 2.2228, 19.7457**, and the grayscale version is **76.2986, -4.0711, 4.1454**.

A 20% lighter version of the original color is **97.8412, -12.9292, 2.7323**, and **54.9396, -6.4165, -13.4365** is the 20% darker color. If you saturate the color by 10%, you get **72.1070, -8.0056, -21.5884**, and if you desaturate by 10%, it is **82.8273, -7.1202, -6.4402**.

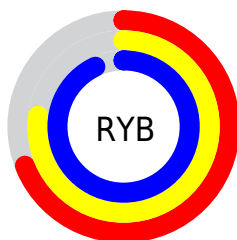
Distribution



Red (69%)

Green (81%)

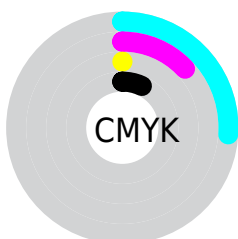
Blue (93%)



Red (69%)

Yellow (77%)

Blue (93%)

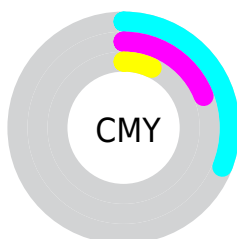


Cyan (26%)

Magenta (13%)

Yellow (0%)

Black (7%)



Cyan (31%)


Magenta (19%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 77.3654, -7.8500, -13.8669 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 77.3654, -7.8500, -13.8669 by changing the saturation by 10% instead.

 77.3654, -7.8500,
-13.8669

 77.3654, -7.8500,
-13.8669


205.9292,
-16.1763, -12.6075

 65.8050, -7.0343,
-13.7502


 102.2846, -9.5512,
-13.9220

 54.8843, -6.2399,
-13.5718


115.5862,
-10.4344, -13.8702

 44.6451, -5.4675,
-13.3265


129.4190,
-11.3392, -13.7690

 35.1362, -4.7162,
-13.0118

143.7636,
-12.2653, -13.6211

 26.4187, -3.9844,
-12.6286

158.6020,
-13.2124, -13.4290

 18.5722, -3.2682,
-12.1900


173.9186,

 11.7070, -2.5595,


-14.1801, -13.1948


-11.7509


189.6987,
-15.1682, -12.9204

 4.4142, -4.2017,
-18.2875


0.0000, NaN, -NF


 77.3654, -7.8500,
-13.8669


 77.3654, -7.8500,
-13.8669

 72.1070, -8.0056,
-21.5884


 82.8273, -7.1202,
-6.4402


 67.0694, -7.4979,
-29.6319

 88.4687, -5.8890,
0.7148

 62.2791, -6.2335,
-38.0095

 94.2745, -4.2226,
7.6283

 57.7634, -4.1148,
-46.7179

 98.7646, -7.2665,
12.6326

■ 53.5509, -1.0524,
-55.7292

■ 99.4457, -8.3809,
13.3622

■ 49.6684, 3.0146,
-64.9846

■ 46.1341, 8.0831,
-74.4008

■ 44.8497, 10.2123,
-78.1037

Harmonies

Analogous

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



77.3670, -15.5756, -9.1116



77.3654, -7.8500, -13.8669



77.3670, 1.2292, -13.3857

Triad

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



77.3670, -7.8510, -13.8655



77.3670, 13.2551, 9.0765



77.3670, -16.6303, 14.6107

Complementary

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



77.3654, -7.8500, -13.8669



80.4753, 2.2228, 19.7457

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.



77.3670, -9.3516, 18.4511



77.3654, -7.8500, -13.8669



77.3670, 8.0174, 15.5188

Square

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



77.3670, -7.8510, -13.8655



77.3670, 13.7026, 0.5540



77.3670, -0.3419, 18.7631



77.3670, -20.4849, 7.6983

Rectangle

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



77.3654, -7.8500, -13.8669



77.3670, 6.8327, -10.1640



77.3670, -0.3419, 18.7631



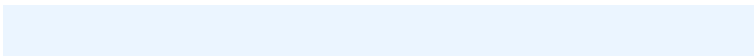
77.3670, -14.5186, 16.2673

Sweetspot

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



77.3670, -7.8510, -13.8655



94.9723, -6.6876, -0.6579



86.0754, -28.3212, 12.7727



43.5071, -3.1960, -0.8431

0.0000, NaN, NaN



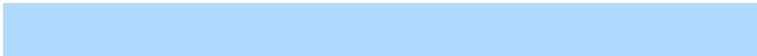
46.2646, -2.4686, 2.5136

Same Dimension

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



77.3670, -7.8510, -13.8655



81.2050, -8.6985, -19.1899



68.0395, 8.1658, -27.7501



39.7932, -2.9167, -0.7441



33.5356, 6.7803, -56.5532



10.3715, 0.1293, -13.2427

Inverse Universe

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



72.9185, 22.9876, -2.6662



75.6888, 30.8544, -4.1115



90.0403, -13.5460, 28.5379



38.9665, 2.3084, 0.8934



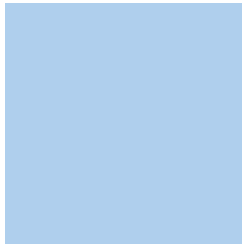
32.6008, 58.2786, 2.0837



9.2412, 16.7146, -0.9176

Previews

White Background



This preview shows how the HunterLab color 77.3654, -7.8500, -13.8669 looks on a white background.

Color Contrast Check

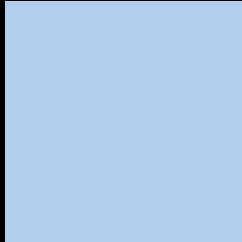
Large Text (above 18pt) WCAG AA × Fail

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 77.3654, -7.8500, -13.8669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

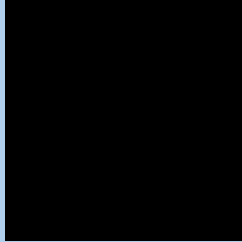
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

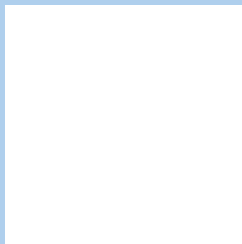
Any Text WCAG AAA ✓ Pass

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

HunterLab 77.3654, -7.8500, -13.8669 Background



This preview shows how black text looks on a background with the HunterLab color 77.3654, -7.8500, -13.8669.



This preview shows how white text looks on a background with the HunterLab color 77.3654, -7.8500, -13.8669.

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

77.3654, -7.8500, -13.8669

Protanopia

77.1536, 0.6038, -11.6895

Deuteranopia

77.2006, 5.8272, -15.0432



Tritanopia

77.4443, -11.6135, -7.5673

Trichromacy



Original Color

77.3654, -7.8500, -13.8669

Protanomaly

77.1176, -2.5730, -12.3724

Deuteranomaly

77.0816, 0.7335, -14.7084

Tritanomaly

77.3457, -10.0534, -9.9027

Monochromacy



Original Color

77.3654, -7.8500, -13.8669

Achromatopsia

76.4250, -4.0778, 4.1523

Achromatomaly

76.6638, -5.5629, -2.0585

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.3654, -7.8500, -13.8669 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(175, 207, 237)` looks like.

```
.text, #text, p{  
    color:rgb(175, 207, 237)  
}
```

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(175, 207, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 207, 237) }
```

Border

The CSS property to change the border of an element to HunterLab 77.3654, -7.8500, -13.8669 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(175, 207, 237) }
```


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

```
.border{ border-color:rgb(175, 207, 237) }
```

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

Here you see how a box with a 4 pixel rgb(175, 207, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 207, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 207, 237);  
box-shadow:4px 4px 4px 4px rgb(175, 207,  
237) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.3654, -7.8500, -13.8669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 207, 237) }
```

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

```
.background{ background-color: rgb(175,  
207, 237) }
```

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