

Converting Colors

HunterLab(80.3156, -12.4729,
-16.9173)

Have a look what the booklet for
HunterLab(80.3156, -12.4729,
-16.9173) contains.

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Color

**HunterLab(80.3569,
-12.5917, -16.8314)**

Conversions

Conversions Part 1

Format	Color
Hex	A6D9F9
RGB	166, 217, 249
RGB Percent	65%, 85%, 98%
CMY	0.3490, 0.1490, 0.0235
CMYK	0.33, 0.13, 0.00, 0.02
HSL	203°, 87%, 81%
HSV	203°, 33%, 98%
XYZ	57.6377, 64.5723, 99.0484
YIQ	205.3990, -40.6680, -0.8600

Conversions

Conversions Part 2

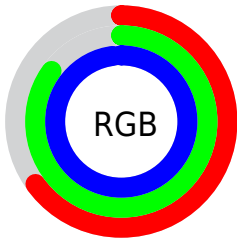
Format	Color
RYB	166, 198, 249
Decimal	10934777
CIELab	84.26, -8.95, -20.92
CIElCh	84, 22.755, 246.826
Yxy	64.5749, 0.2605, 0.2918
Android (android.graphics.Color)	4289124857 (0xFFA6D9F9)
YUV	205.3990, 21.4953, -34.5529
Hunter-Lab	80.3569, -12.5917, -16.8314

Details

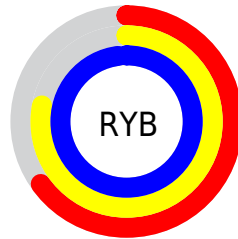
The HunterLab color $80.3569, -12.5917, -16.8314$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $79.5500, 9.2086, 22.2898$, and the grayscale version is $78.2300, -4.1742, 4.2504$.

A 20% lighter version of the original color is $97.1741, -15.3107, 1.8860$, and $57.5069, -10.3067, -16.7614$ is the 20% darker color. If you saturate the color by 10%, you get $75.7188, -13.4301, -23.7554$, and if you desaturate by 10%, it is $85.2204, -11.0583, -10.0347$.

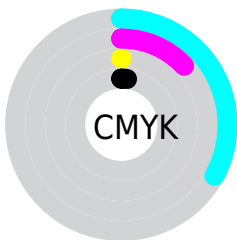
Distribution



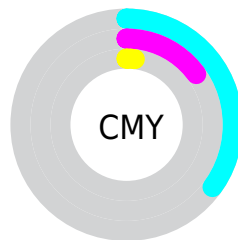
- Red (65%)
- Green (85%)
- Blue (98%)



- Red (65%)
- Yellow (78%)
- Blue (98%)



- Cyan (33%)
- Magenta (13%)
- Yellow (0%)
- Black (2%)



- Cyan (35%)
- Magenta (15%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.3569, -12.5917, -16.8314 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 80.3569, -12.5917, -16.8314 by changing the saturation by 10% instead.

■ 80.3569, -12.5917,
-16.8314

■ 80.3569, -12.5917,
-16.8314

210.0625,
-22.7672, -16.1988

■ 68.6414, -11.5237,
-16.6425

■ 105.5644,
-14.7606, -17.0309

■ 57.5567, -10.4622,
-16.3930

■ 119.0010,
-15.8626, -17.0505

■ 47.1426, -9.4048,
-16.0788

132.9637,
-16.9778, -17.0201

■ 37.4457, -8.3465,
-15.6995

147.4335,
-18.1068, -16.9422

■ 28.5234, -7.2794,
-15.2598

162.3931,
-19.2499, -16.8191

■ 20.4499, -6.1905,
-14.7791

177.8271,

■ 13.3262, -5.0556,

-20.4076, -16.6529

-14.3242

193.7212,
-21.5800, -16.4455

■ 6.8707, -6.0463,
-15.6593

0.0000, NaN, -NF

■ 80.3569, -12.5917,
-16.8314

■ 80.3569, -12.5917,
-16.8314

■ 75.7188, -13.4301,
-23.7554

■ 85.2204, -11.0583,
-10.0347

■ 71.3202, -13.4904,
-30.7951

■ 90.2866, -8.9050,
-3.3764

■ 67.1815, -12.6950,
-37.9213

■ 95.5405, -6.2038,
3.1449

■ 63.3202, -10.9769,
-45.0940

■ 99.8096, -6.3796,
8.1513

■ 59.7493, -8.2959,
-52.2627

■ 56.4727, -4.6618,
-59.3782

■ 54.4280, -1.8100,
-64.1230

Harmonies

Analogous

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



80.3585, -20.8141, -8.8992



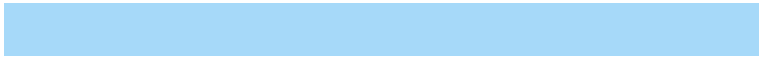
80.3569, -12.5917, -16.8314



80.3585, -1.7165, -18.7412

Triad

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



80.3585, -12.5925, -16.8300



80.3585, 18.2282, 6.7710



80.3585, -16.7969, 19.1053

Complementary

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



80.3569, -12.5917, -16.8314



79.5500, 9.2086, 22.2898

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.



80.3585, -6.8355, 22.1723



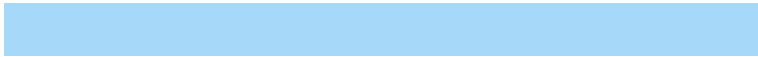
80.3569, -12.5917, -16.8314



80.3585, 13.6831, 15.7098

Square

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



80.3585, -12.5925, -16.8300



80.3585, 16.4796, -4.1126



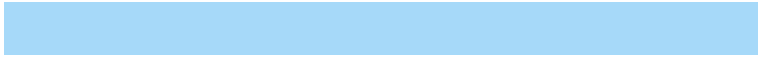
80.3585, 4.3597, 21.0202



80.3585, -23.1470, 12.0256

Rectangle

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



80.3569, -12.5917, -16.8314



80.3585, 5.6592, -16.1389



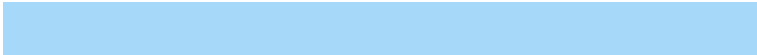
80.3585, 4.3597, 21.0202



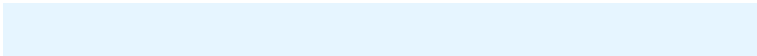
80.3585, -13.7814, 20.5922

Sweetspot

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



80.3585, -12.5925, -16.8300



94.5345, -8.2870, -1.2294



89.4028, -37.1090, 19.0812



43.3874, -4.0065, -1.0071

0.0000, NaN, NaN



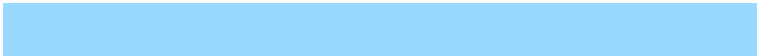
46.2646, -2.4686, 2.5136

Same Dimension

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



80.3585, -12.5925, -16.8300



79.3339, -13.6000, -22.0578



67.7311, 8.7344, -36.5656



42.9174, -3.6882, -0.3997



40.1757, -1.9182, -46.0753



13.0394, -1.8977, -12.2015

Inverse Universe

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



72.4043, 34.1038, -8.5456



69.9883, 43.2577, -10.9660



92.0939, -12.0934, 33.3090



41.7187, 2.6940, 0.4404



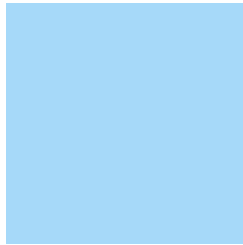
34.6992, 63.0540, -5.7224



10.6577, 19.5409, -3.1075

Previews

White Background



This preview shows how the HunterLab color 80.3569, -12.5917, -16.8314 looks on a white background.

Color Contrast Check

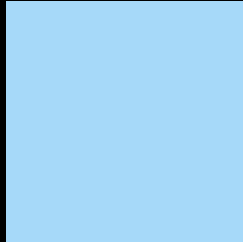
Large Text (above 18pt) WCAG AA × Fail

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 80.3569, -12.5917, -16.8314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

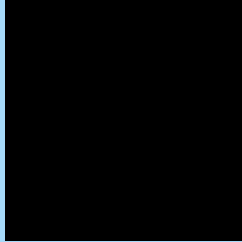
Any Text WCAG AA ✓ Pass

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 80.3569, -12.5917, -16.8314 Background



This preview shows how black text looks on a background with the HunterLab color 80.3569, -12.5917, -16.8314.



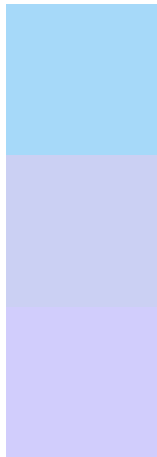
This preview shows how white text looks on a background with the HunterLab color 80.3569,

-12.5917, -16.8314.

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

80.3569, -12.5917, -16.8314

Protanopia

80.1744, 0.7641, -13.2898

Deuteranopia

80.1537, 6.0351, -18.6273



Tritanopia

80.3517, -16.8304, -9.9019

Trichromacy



Original Color

80.3569, -12.5917, -16.8314

Protanomaly

80.0801, -4.1458, -14.6865

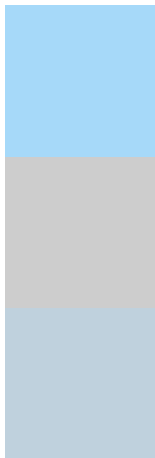
Deuteranomaly

79.9396, -0.9937, -18.4502

Tritanomaly

80.2410, -15.2722, -12.3137

Monochromacy



Original Color

80.3569, -12.5917, -16.8314

Achromatopsia

78.1342, -4.1690, 4.2452

Achromatomaly

78.6751, -7.5929, -3.2053

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.3569, -12.5917, -16.8314 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(166, 217, 249)` looks like.

```
.text, #text, p{  
    color:rgb(166, 217, 249)  
}
```

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(166, 217, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 217, 249) }
```

Border

The CSS property to change the border of an element to HunterLab 80.3569, -12.5917, -16.8314 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(166, 217, 249) }
```


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

```
.border{ border-color:rgb(166, 217, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 217, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 217, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 217, 249);  
box-shadow:4px 4px 4px 4px rgb(166, 217,  
249) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.3569, -12.5917, -16.8314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 217, 249) }
```

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

```
.background{ background-color: rgb(166,  
217, 249) }
```

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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