

Converting Colors

HunterLab(84.4038, -14.0854,
-14.6952)

Have a look what the booklet for
HunterLab(84.4038, -14.0854,
-14.6952) contains.

HunterLab(84.4228, -14.1162, -14.6690)	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(84.4228,
-14.1162, -14.6690)**

Conversions

Conversions Part 1

Format	Color
Hex	AFE3FF
RGB	175, 227, 255
RGB Percent	69%, 89%, 100%
CMY	0.3137, 0.1098, 0.0000
CMYK	0.31, 0.11, 0.00, 0.00
HSL	201°, 100%, 84%
HSV	201°, 31%, 100%
XYZ	63.1982, 71.2721, 105.0336
YIQ	214.6440, -39.9800, -2.3160

Conversions

Conversions Part 2

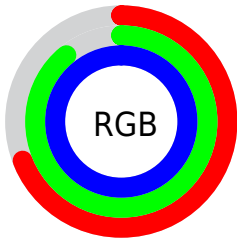
Format	Color
R _Y B	175, 207, 255
Decimal	11527167
CIE Lab	87.62, -10.22, -18.96
CIE LCh	88, 21.541, 241.680
Yxy	71.2748, 0.2639, 0.2976
Android (android.graphics.Color)	4289717247 (0xFFAFE3FF)
YUV	214.6440, 19.8955, -34.7678
Hunter-Lab	84.4228, -14.1162, -14.6690

Details

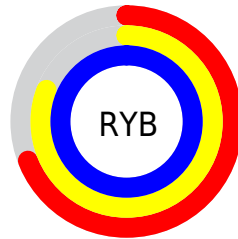
The HunterLab color $84.4228, -14.1162, -14.6690$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $81.8944, 9.9875, 21.2736$, and the grayscale version is $82.2113, -4.3866, 4.4667$.

A 20% lighter version of the original color is $97.9264, -12.6261, 2.8400$, and $61.2987, -12.0767, -14.1148$ is the 20% darker color. If you saturate the color by 10%, you get $79.9008, -15.5508, -21.2409$, and if you desaturate by 10%, it is $89.1731, -11.9709, -8.1650$.

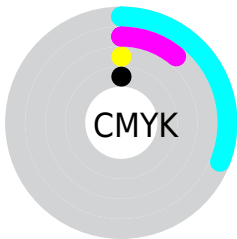
Distribution



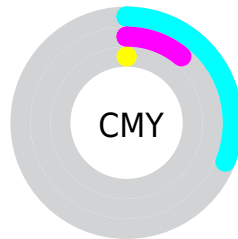
- Red (69%)
- Green (89%)
- Blue (100%)



- Red (69%)
- Yellow (81%)
- Blue (100%)



- Cyan (31%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (31%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.4228, -14.1162, -14.6690 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 84.4228, -14.1162, -14.6690 by changing the saturation by 10% instead.

■ 84.4228, -14.1162,
-14.6690

■ 84.4228, -14.1162,
-14.6690

215.6417,
-24.7929, -13.3587

■ 72.5028, -12.9828,
-14.5637

■ 110.0113,
-16.4096, -14.7043

■ 61.2020, -11.8526,
-14.3995

123.6267,
-17.5704, -14.6452

■ 50.5583, -10.7233,
-14.1707

137.7615,
-18.7425, -14.5379

■ 40.6150, -9.5893,
-13.8743

152.3975,
-19.9266, -14.3850

■ 31.4256, -8.4426,
-13.5096

167.5178,
-21.1234, -14.1886

■ 23.0578, -7.2698,
-13.0828

183.1077,

■ 15.6019, -6.0477,

-22.3331, -13.9510

-12.6229

199.1531,
-23.5562, -13.6737

■ 9.1837, -5.3391,
-12.2529

0.0000, NaN, -NF

■ 84.4228, -14.1162,
-14.6690

■ 84.4228, -14.1162,
-14.6690

■ 79.9008, -15.5508,
-21.2409

■ 89.1731, -11.9709,
-8.1650

■ 75.6194, -16.1935,
-27.8652

■ 94.1301, -9.1868,
-1.7491

■ 71.5967, -15.9715,
-34.5078

■ 99.2797, -5.8358,
4.5737

■ 67.8474, -14.8228,
-41.1275

■ 100.0000, -5.3358,
5.4332

■ 64.3814, -12.7111,
-47.6769

■ 61.2000, -9.6458,
-54.1129

■ 58.6558, -6.3538,
-59.5985

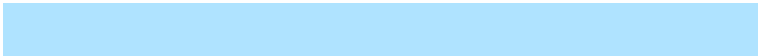
Harmonies

Analogous

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



84.4244, -21.4315, -6.4277



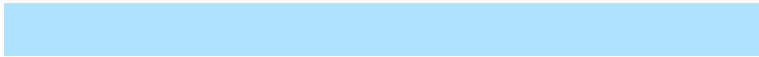
84.4228, -14.1162, -14.6690



84.4244, -3.9006, -17.5810

Triad

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



84.4244, -14.1174, -14.6668



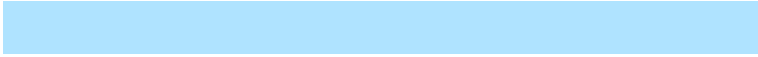
84.4244, 17.2210, 5.1715



84.4244, -15.1198, 19.7098

Complementary

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



84.4228, -14.1162, -14.6690



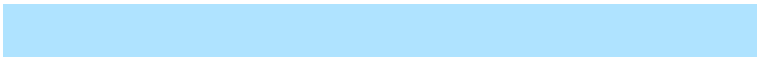
81.8944, 9.9875, 21.2736

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.



84.4244, -5.1160, 22.0219



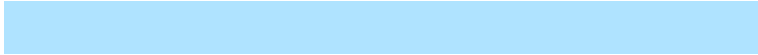
84.4228, -14.1162, -14.6690



84.4244, 13.8608, 14.3073

Square

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



84.4244, -14.1174, -14.6668



84.4244, 14.5203, -5.3021



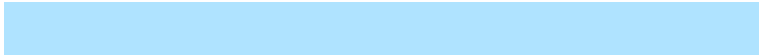
84.4244, 5.5489, 20.1735



84.4244, -21.9895, 13.4231

Rectangle

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



84.4228, -14.1162, -14.6690



84.4244, 3.2842, -15.8538



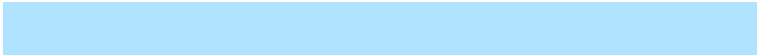
84.4244, 5.5489, 20.1735



84.4244, -12.0297, 20.9394

Sweetspot

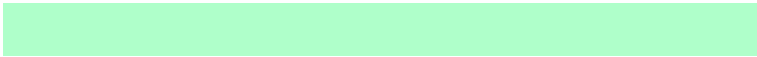
The Sweet Spot groups the original color and five complimentary colors.



84.4244, -14.1174, -14.6668



95.3343, -8.4410, -0.2413



92.1320, -37.1157, 20.2948



43.7636, -4.1186, -0.5394

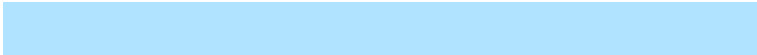
0.0000, NaN, NaN



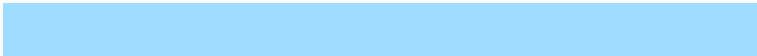
46.2646, -2.4686, 2.5136

Same Dimension

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



84.4244, -14.1174, -14.6668



81.3996, -15.1521, -19.0178



72.4187, 5.8387, -32.7301



43.9871, -3.9798, -0.2599



42.7412, -5.1396, -42.3280



14.0847, -2.7672, -11.6311

Inverse Universe

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



75.8074, 33.1901, -9.5477



71.3954, 41.4360, -12.1404



93.6278, -10.1261, 31.8315



42.6451, 2.8353, 0.2571



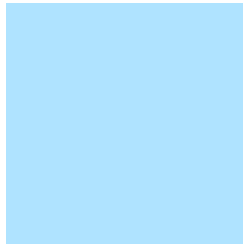
35.4572, 64.8485, -9.0795



11.1571, 20.5694, -4.1280

Previews

White Background



This preview shows how the HunterLab color 84.4228, -14.1162, -14.6690 looks on a white background.

Color Contrast Check

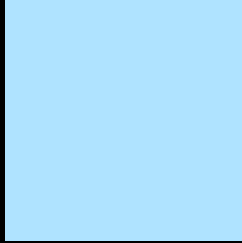
Large Text (above 18pt) WCAG AA × Fail

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 84.4228, -14.1162, -14.6690 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

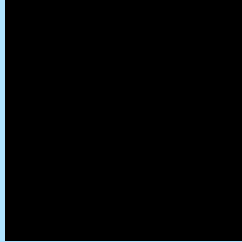
Any Text WCAG AA ✓ Pass

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 84.4228, -14.1162, -14.6690 Background



This preview shows how black text looks on a background with the HunterLab color 84.4228, -14.1162, -14.6690.



This preview shows how white text looks on a background with the HunterLab color 84.4228, -14.1162, -14.6690.

-14.1162, -14.6690.

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

84.4228, -14.1162, -14.6690

Protanopia

84.1198, 0.5716, -11.3243

Deuteranopia

84.0745, 5.5542, -14.8145



Tritanopia

84.3128, -16.7826, -10.2205

Trichromacy



Original Color

84.4228, -14.1162, -14.6690

Protanomaly

84.2362, -5.2500, -12.4245

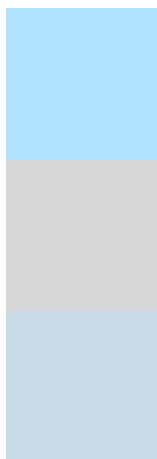
Deuteranomaly

84.0954, -2.2295, -14.9213

Tritanomaly

84.4912, -15.9158, -11.6818

Monochromacy



Original Color

84.4228, -14.1162, -14.6690

Achromatopsia

82.4344, -4.3985, 4.4788

Achromatomaly

82.8587, -8.3489, -2.6576

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.4228, -14.1162, -14.6690 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, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(175, 227, 255)  
}
```

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, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 227, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 84.4228, -14.1162, -14.6690 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, 227, 255) }
```


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

```
.border{ border-color:rgb(175, 227, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 227, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(175, 227,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.4228, -14.1162, -14.6690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 227, 255) }
```

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

```
.background{ background-color: rgb(175,  
227, 255) }
```

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