

Converting Colors

HunterLab(84.7606, -12.8237,
-14.1734)

Have a look what the booklet for
HunterLab(84.7606, -12.8237,
-14.1734) contains.

HunterLab(84.7711, -12.8676, -14.1595)	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(84.7711,
-12.8676, -14.1595)**

Conversions

Conversions Part 1

Format	Color
Hex	B4E3FF
RGB	180, 227, 255
RGB Percent	71%, 89%, 100%
CMY	0.2941, 0.1098, 0.0000
CMYK	0.29, 0.11, 0.00, 0.00
HSL	202°, 100%, 85%
HSV	202°, 29%, 100%
XYZ	64.3414, 71.8614, 105.0871
YIQ	216.1390, -37.0000, -1.2560

Conversions

Conversions Part 2

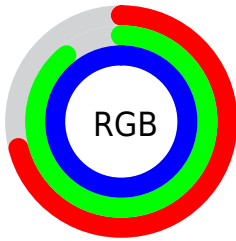
Format	Color
R_{YB}	180, 209, 255
Decimal	11854847
CIE _{Lab}	87.90, -8.83, -18.51
CIE _{LCh}	88, 20.504, 244.489
Yxy	71.8642, 0.2667, 0.2978
Android (android.graphics.Color)	4290044927 (0xFFB4E3FF)
YUV	216.1390, 19.1585, -31.6939
Hunter-Lab	84.7711, -12.8676, -14.1595

Details

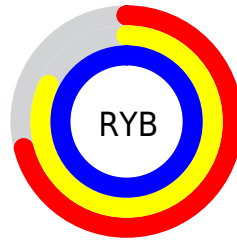
The HunterLab color **84.7711, -12.8676, -14.1595** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **83.4666, 7.9843, 20.8976**, and the grayscale version is **82.8593, -4.4212, 4.5019**.

A 20% lighter version of the original color is **98.3588, -11.0929, 3.3851**, and **61.5973, -10.9981, -13.6615** is the 20% darker color. If you saturate the color by 10%, you get **80.0098, -14.1666, -21.0539**, and if you desaturate by 10%, it is **89.7572, -10.8813, -7.3767**.

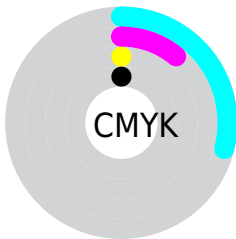
Distribution



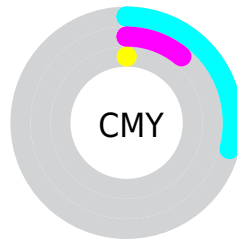
- Red (71%)
- Green (89%)
- Blue (100%)



- Red (71%)
- Yellow (82%)
- Blue (100%)



- Cyan (29%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (29%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.7711, -12.8676, -14.1595 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 84.7711, -12.8676, -14.1595 by changing the saturation by 10% instead.

84.7711, -12.8676,
-14.1595

84.7711, -12.8676,
-14.1595

216.1177,
-23.0430, -12.7104

72.8339, -11.8029,
-14.0712

110.3918,
-15.0339, -14.1617

61.5149, -10.7456,
-13.9244

124.0222,
-16.1353, -14.0864

50.8519, -9.6941,
-13.7129

138.1715,
-17.2503, -13.9634

40.8881, -8.6443,
-13.4336

152.8215,
-18.3795, -13.7951

31.6763, -7.5897,
-13.0849

167.9554,
-19.5231, -13.5837

23.2840, -6.5198,
-12.6715

183.5584,

15.8006, -5.4160,

-20.6815, -13.3313

-12.2182

199.6167,
-21.8547, -13.0396

■ 9.3538, -4.6135,
-11.8250

0.0000, NaN, -NF

■ 84.7711, -12.8676,
-14.1595

■ 84.7711, -12.8676,
-14.1595

■ 80.0098, -14.1666,
-21.0539

■ 89.7572, -10.8813,
-7.3767

■ 75.4869, -14.6938,
-28.0508

■ 94.9456, -8.2804,
-0.7189

■ 71.2224, -14.3702,
-35.1221

100.0000, -5.3358,
5.4332

■ 67.2340, -13.1244,
-42.2299

■ 63.5358, -10.9061,
-49.3261

■ 60.1343, -7.7060,
-56.3599

■ 57.0089, -3.6285,
-63.3281

■ 56.8293, -3.3754,
-63.7453

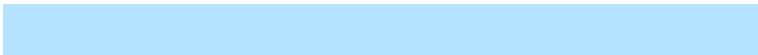
Harmonies

Analogous

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



84.7727, -20.2031, -6.7309



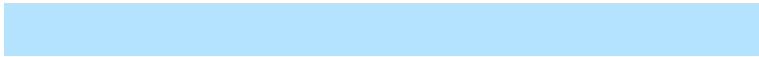
84.7711, -12.8676, -14.1595



84.7727, -2.9760, -16.3385

Triad

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



84.7727, -12.8689, -14.1573



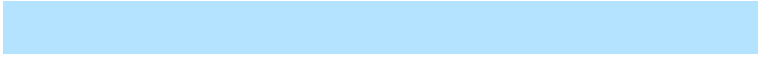
84.7727, 16.0783, 6.0721



84.7727, -15.4262, 18.6878

Complementary

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



84.7711, -12.8676, -14.1595



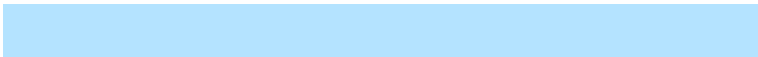
83.4666, 7.9843, 20.8976

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.



84.7727, -6.0685, 21.2920



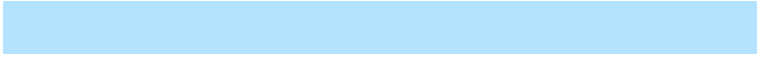
84.7711, -12.8676, -14.1595



84.7727, 12.3764, 14.5804

Square

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



84.7727, -12.8689, -14.1573



84.7727, 14.0472, -3.8843



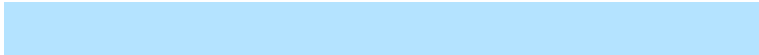
84.7727, 4.1488, 19.8824



84.7727, -21.6295, 12.3152

Rectangle

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



84.7711, -12.8676, -14.1595



84.7727, 3.8172, -14.3298



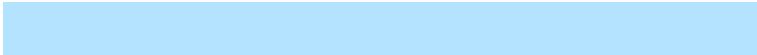
84.7727, 4.1488, 19.8824



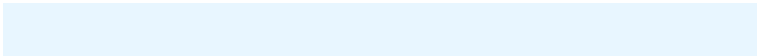
84.7727, -12.5619, 19.9961

Sweetspot

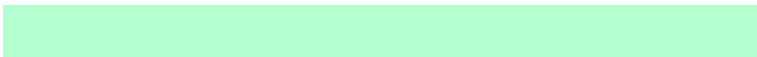
The Sweet Spot groups the original color and five complimentary colors.



84.7727, -12.8689, -14.1573



95.1627, -8.1616, -0.4483



92.6031, -35.0139, 18.4467



43.6713, -3.9689, -0.6517

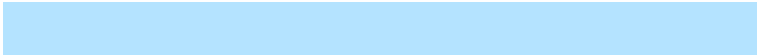
0.0000, NaN, NaN



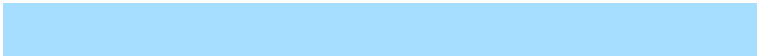
46.2646, -2.4686, 2.5136

Same Dimension

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



84.7727, -12.8689, -14.1573



82.0820, -13.6844, -17.9987



73.3157, 6.3042, -31.2216



43.9032, -3.8434, -0.3613



41.4382, -3.0314, -45.2502



13.7175, -2.2031, -12.3898

Inverse Universe

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



77.1039, 30.4272, -7.8414



73.2793, 37.3361, -9.9266



94.7948, -11.2368, 31.2070



42.6364, 2.7886, 0.3812



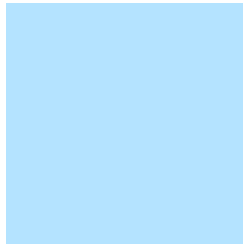
35.3007, 64.2851, -6.8910



11.1108, 20.4035, -3.4862

Previews

White Background



This preview shows how the HunterLab color 84.7711, -12.8676, -14.1595 looks on a white background.

Color Contrast Check

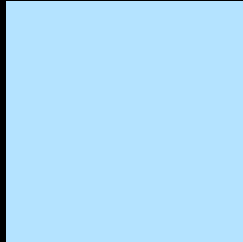
Large Text (above 18pt) WCAG AA × Fail

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 84.7711, -12.8676, -14.1595 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

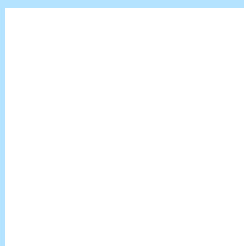
Any Text WCAG AAA ✓ Pass

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

HunterLab 84.7711, -12.8676, -14.1595 Background



This preview shows how black text looks on a background with the HunterLab color 84.7711, -12.8676, -14.1595.



This preview shows how white text looks on a background with the HunterLab color 84.7711, -12.8676, -14.1595.

-12.8676, -14.1595.

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

84.7711, -12.8676, -14.1595

Protanopia

84.5159, 0.3501, -10.7880

Deuteranopia

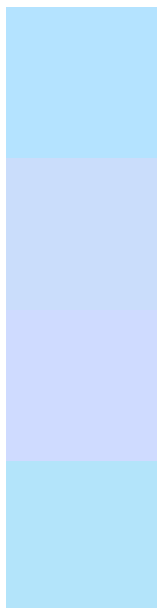
84.5629, 5.6468, -14.1267



Tritanopia

84.6565, -15.5397, -9.7358

Trichromacy



Original Color

84.7711, -12.8676, -14.1595

Protanomaly

84.4005, -4.6773, -12.1881

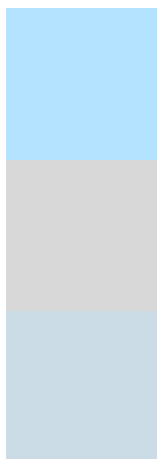
Deuteranomaly

84.3495, -1.3538, -14.5485

Tritanomaly

84.8367, -14.6700, -11.1886

Monochromacy



Original Color

84.7711, -12.8676, -14.1595

Achromatopsia

82.8665, -4.4215, 4.5023

Achromatomaly

83.4243, -7.9739, -1.9394

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.7711, -12.8676, -14.1595 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(180, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(180, 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(180, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 227, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 84.7711, -12.8676, -14.1595 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(180, 227, 255) }
```


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

```
.border{ border-color:rgb(180, 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(180, 227, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(180, 227,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.7711, -12.8676, -14.1595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 227, 255) }
```

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

```
.background{ background-color: rgb(180,  
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