

Converting Colors

HunterLab(84.3691, -12.9498,
-12.3761)

Have a look what the booklet for
HunterLab(84.3691, -12.9498,
-12.3761) contains.

HunterLab(84.3691, -12.9498, -12.3761)	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(84.3691,
-12.9498, -12.3761)**

Conversions

Conversions Part 1

Format	Color
Hex	B5E2FB
RGB	181, 226, 251
RGB Percent	71%, 89%, 98%
CMY	0.2902, 0.1137, 0.0157
CMYK	0.28, 0.10, 0.00, 0.02
HSL	201°, 90%, 85%
HSV	201°, 28%, 98%
XYZ	63.6649, 71.1815, 101.6506
YIQ	215.3950, -34.8450, -1.7650

Conversions

Conversions Part 2

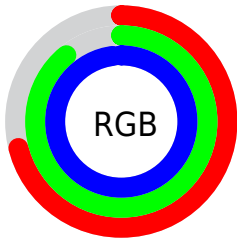
Format	Color
R _Y B	181, 208, 251
Decimal	11920123
CIE Lab	87.57, -8.96, -16.89
CIE LCh	88, 19.122, 242.067
Yxy	71.1843, 0.2692, 0.3010
Android (android.graphics.Color)	4290110203 (0xFFB5E2FB)
YUV	215.3950, 17.5533, -30.1644
Hunter-Lab	84.3691, -12.9498, -12.3761

Details

The HunterLab color **84.3691, -12.9498, -12.3761** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **82.4551, 7.6654, 19.5071**, and the grayscale version is **82.5439, -4.4043, 4.4848**.

A 20% lighter version of the original color is **98.4465, -10.7827, 3.4954**, and **61.2017, -11.1336, -11.9274** is the 20% darker color. If you saturate the color by 10%, you get **79.7935, -14.5272, -18.9018**, and if you desaturate by 10%, it is **89.1627, -10.7043, -5.9356**.

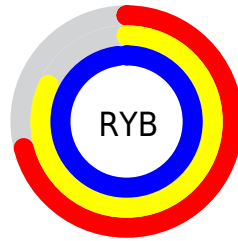
Distribution



Red (71%)

Green (89%)

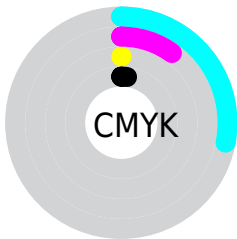
Blue (98%)



Red (71%)

Yellow (82%)

Blue (98%)

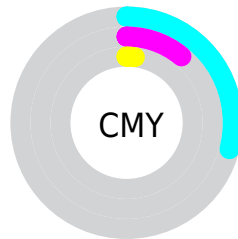


Cyan (28%)

Magenta (10%)

Yellow (0%)

Black (2%)



Cyan (29%)

Magenta (11%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.3691, -12.9498, -12.3761 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 84.3691, -12.9498, -12.3761 by changing the saturation by 10% instead.

■ 84.3691, -12.9498,
-12.3761

■ 84.3691, -12.9498,
-12.3761

215.5684,
-23.1669, -10.4871

■ 72.4518, -11.8789,
-12.3420

■ 109.9528,
-15.1267, -12.2745

■ 61.1538, -10.8152,
-12.2490

123.5658,
-16.2332, -12.1484

■ 50.5131, -9.7567,
-12.0915

137.6984,
-17.3530, -11.9756

■ 40.5730, -8.6992,
-11.8652

152.3321,
-18.4867, -11.7583

■ 31.3870, -7.6360,
-11.5668

167.4504,
-19.6347, -11.4990

■ 23.0230, -6.5560,
-11.1973

183.0382,

■ 15.5714, -5.4399,

-20.7973, -11.1995

-10.7723

199.0817,
-21.9747, -10.8617

■ 9.1572, -4.7516,
-10.3779

0.0000, NaN, -NF

■ 84.3691, -12.9498,
-12.3761

■ 84.3691, -12.9498,
-12.3761

■ 79.7935, -14.5272,
-18.9018

■ 89.1627, -10.7043,
-5.9356

■ 75.4481, -15.3566,
-25.4999

■ 94.1530, -7.8606,
0.4059

■ 71.3515, -15.3632,
-32.1422

■ 99.2014, -4.9209,
6.4930

■ 67.5196, -14.4791,
-38.7919

■ 99.8725, -6.0348,
7.2535

■ 63.9651, -12.6559,
-45.4038

■ 60.6938, -9.8816,
-51.9307

■ 57.6941, -6.2214,
-58.3506

■ 57.0816, -5.3862,
-59.7198

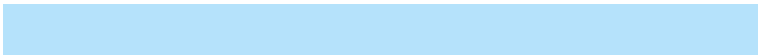
Harmonies

Analogous

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



84.3708, -19.5345, -5.2349



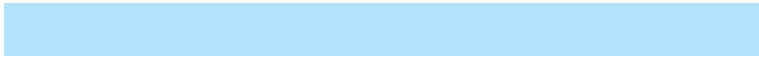
84.3691, -12.9498, -12.3761



84.3708, -3.8420, -14.8311

Triad

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



84.3708, -12.9508, -12.3746



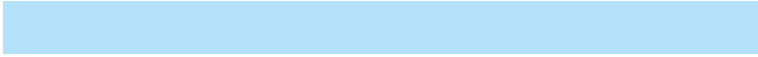
84.3708, 14.6731, 5.2211



84.3708, -14.0511, 18.1153

Complementary

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



84.3691, -12.9498, -12.3761



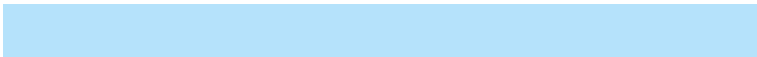
82.4551, 7.6654, 19.5071

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.



84.3708, -5.1686, 20.2738



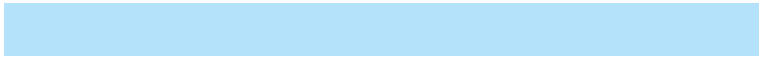
84.3691, -12.9498, -12.3761



84.3708, 11.6534, 13.3638

Square

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



84.3708, -12.9508, -12.3746



84.3708, 12.3668, -4.0219



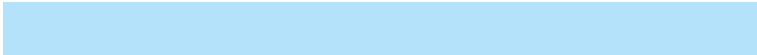
84.3708, 4.2839, 18.6348



84.3708, -20.1496, 12.3847

Rectangle

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



84.3691, -12.9498, -12.3761



84.3708, 2.5156, -13.2852



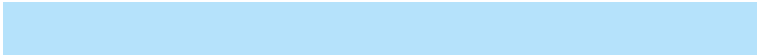
84.3708, 4.2839, 18.6348



84.3708, -11.3059, 19.2520

Sweetspot

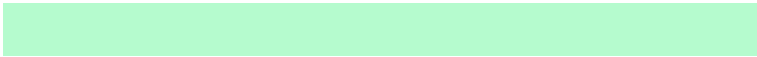
The Sweet Spot groups the original color and five complimentary colors.



84.3708, -12.9508, -12.3746



95.7987, -8.0410, 0.3370



91.2422, -33.2272, 17.9029



43.9614, -3.9381, -0.2909

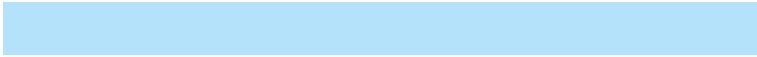
0.0000, NaN, NaN



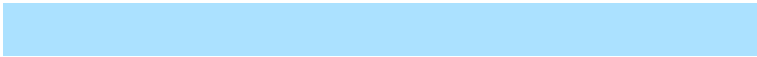
46.2646, -2.4686, 2.5136

Same Dimension

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



84.3708, -12.9508, -12.3746



83.4770, -14.1007, -16.0044



73.6686, 4.8552, -27.9751



43.0170, -3.8504, -0.2791



41.7279, -4.4593, -42.5299



13.4643, -2.5550, -11.3136

Inverse Universe

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



76.8438, 28.2111, -7.6730



74.6744, 35.1123, -9.9010



92.9848, -10.2385, 29.2417



41.7291, 2.7496, 0.2931



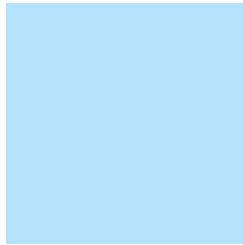
34.8836, 63.7186, -8.3062



10.7109, 19.7318, -3.8462

Previews

White Background



This preview shows how the HunterLab color 84.3691, -12.9498, -12.3761 looks on a white background.

Color Contrast Check

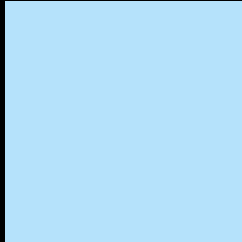
Large Text (above 18pt) WCAG AA × Fail

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 84.3691, -12.9498, -12.3761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

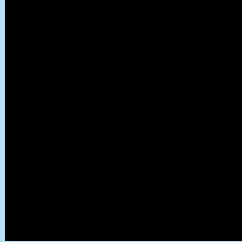
Any Text WCAG AA ✓ Pass

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 84.3691, -12.9498, -12.3761 Background



This preview shows how black text looks on a background with the HunterLab color 84.3691, -12.9498, -12.3761.



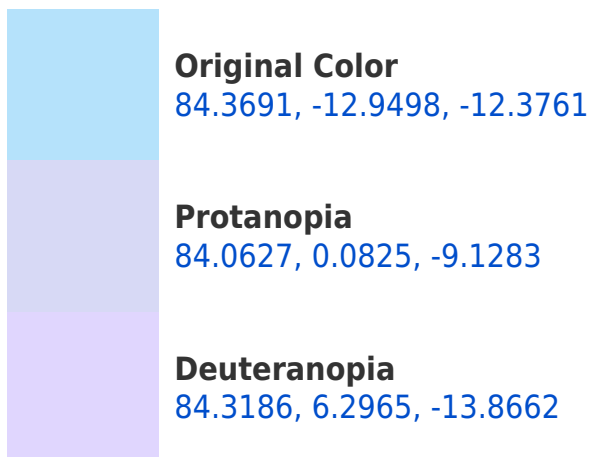
This preview shows how white text looks on a background with the HunterLab color 84.3691, -12.9498, -12.3761.

-12.9498, -12.3761.

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





Tritanopia

84.4003, -14.9406, -8.9396

Trichromacy



Original Color

84.3691, -12.9498, -12.3761

Protanomaly

84.0228, -4.6816, -10.4009

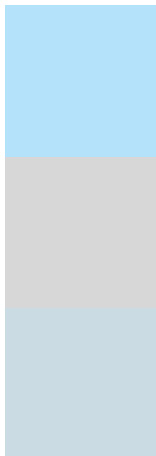
Deuteranomaly

84.0503, -0.9470, -13.7779

Tritanomaly

84.4730, -14.5334, -9.9651

Monochromacy



Original Color

84.3691, -12.9498, -12.3761

Achromatopsia

82.4344, -4.3985, 4.4788

Achromatomaly

83.0427, -7.8351, -1.3711

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.3691, -12.9498, -12.3761 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(181, 226, 251)` looks like.

```
.text, #text, p{  
    color:rgb(181, 226, 251)  
}
```

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(181, 226, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 226, 251) }
```

Border

The CSS property to change the border of an element to HunterLab 84.3691, -12.9498, -12.3761 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(181, 226, 251) }
```


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

```
.border{ border-color:rgb(181, 226, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 226, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 226, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 226, 251); box-shadow:4px 4px 4px 4px rgb(181, 226, 251) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.3691, -12.9498, -12.3761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 226, 251) }
```

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

```
.background{ background-color: rgb(181,  
226, 251) }
```

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