

Converting Colors

HunterLab(83.5873, -9.4622,
-12.9636)

Have a look what the booklet for
HunterLab(83.5873, -9.4622,
-12.9636) contains.

HunterLab(83.4922, -9.5619, -12.9455)	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(83.4922, -9.5619,
-12.9455)**

Conversions

Conversions Part 1

Format	Color
Hex	BBDEFA
RGB	187, 222, 250
RGB Percent	73%, 87%, 98%
CMY	0.2667, 0.1294, 0.0196
CMYK	0.25, 0.11, 0.00, 0.02
HSL	207°, 86%, 86%
HSV	207°, 25%, 98%
XYZ	63.8701, 69.7095, 100.5315
YIQ	214.7270, -29.8480, 1.2880

Conversions

Conversions Part 2

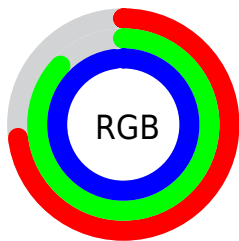
Format	Color
R _Y B	187, 210, 250
Decimal	12312314
CIE Lab	86.86, -5.39, -17.41
CIE LCh	87, 18.229, 252.803
Yxy	69.7123, 0.2728, 0.2978
Android (android.graphics.Color)	4290502394 (0xFFBBDEFA)
YUV	214.7270, 17.3896, -24.3166
Hunter-Lab	83.4922, -9.5619, -12.9455

Details

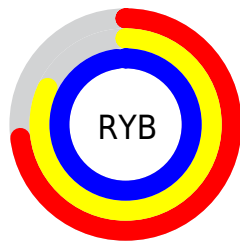
The HunterLab color $83.4922, -9.5619, -12.9455$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $85.1547, 3.3622, 19.7957$, and the grayscale version is $82.2546, -4.3889, 4.4690$.

A 20% lighter version of the original color is $98.9814, -8.8975, 4.1659$, and $60.3939, -7.8082, -12.4522$ is the 20% darker color. If you saturate the color by 10%, you get $78.1792, -10.2677, -20.5973$, and if you desaturate by 10%, it is $89.0183, -8.2404, -5.5310$.

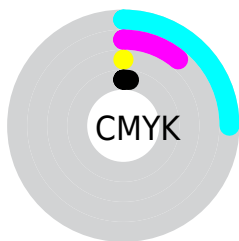
Distribution



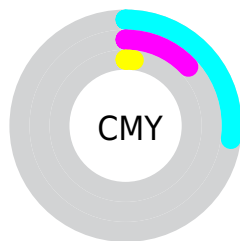
- Red (73%)
- Green (87%)
- Blue (98%)



- Red (73%)
- Yellow (82%)
- Blue (98%)



- Cyan (25%)
- Magenta (11%)
- Yellow (0%)
- Black (2%)



- Cyan (27%)
- Magenta (13%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.4922, -9.5619, -12.9455 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 83.4922, -9.5619, -12.9455 by changing the saturation by 10% instead.

■ 83.4922, -9.5619,
-12.9455

■ 83.4922, -9.5619,
-12.9455

214.3686,
-18.4779, -11.2326

■ 71.6184, -8.6679,
-12.8891

■ 108.9947,
-11.4103, -12.8867

■ 60.3664, -7.7913,
-12.7733

122.5696,
-12.3628, -12.7812

■ 49.7745, -6.9322,
-12.5926

136.6654,
-13.3346, -12.6283

■ 39.8867, -6.0891,
-12.3430

151.2637,
-14.3256, -12.4305

■ 30.7574, -5.2592,
-12.0220

166.3477,
-15.3356, -12.1901

■ 22.4556, -4.4377,
-11.6325

181.9022,

■ 15.0739, -3.6152,

-16.3644, -11.9092

-11.1953

197.9134,
-17.4119, -11.5895

■ 8.7118, -3.1610,
-10.8938

0.0000, NaN, -NF

■ 83.4922, -9.5619,
-12.9455

■ 83.4922, -9.5619,
-12.9455

■ 78.1792, -10.2677,
-20.5973

■ 89.0183, -8.2404,
-5.5310

■ 73.0954, -10.2685,
-28.5005

■ 94.7334, -6.3769,
1.6574

■ 68.2657, -9.4730,
-36.6528

■ 99.8410, -6.2076,
7.7034

■ 63.7149, -7.7882,
-45.0381

■ 59.4675, -5.1311,
-53.6199

■ 55.5450, -1.4478,
-62.3403

■ 51.9590, 3.2556,
-71.1306

■ 50.3370, 5.7879,
-75.4114

Harmonies

Analogous

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



83.4939, -16.8966, -7.5565



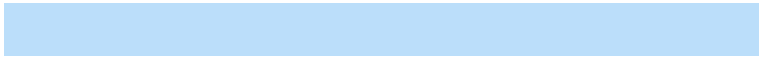
83.4922, -9.5619, -12.9455



83.4939, -0.5521, -13.3426

Triad

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



83.4939, -9.5630, -12.9440



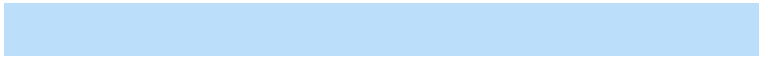
83.4939, 13.2715, 8.1449



83.4939, -16.0035, 15.8434

Complementary

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



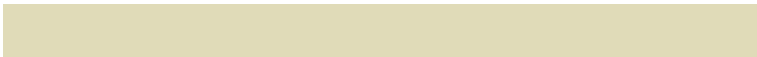
83.4922, -9.5619, -12.9455



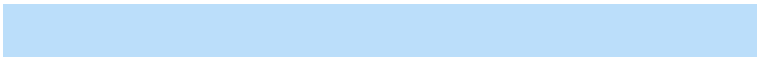
85.1547, 3.3622, 19.7957

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.



83.4939, -8.2963, 19.1828



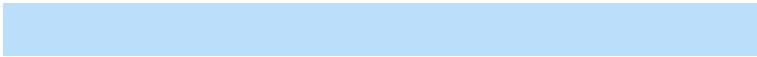
83.4922, -9.5619, -12.9455



83.4939, 8.7511, 15.0684

Square

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



83.4939, -9.5630, -12.9440



83.4939, 12.8966, -0.5204



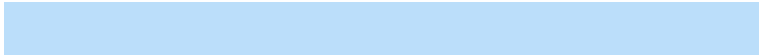
83.4939, 0.7696, 18.9152



83.4939, -20.5044, 9.3113

Rectangle

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



83.4922, -9.5619, -12.9455



83.4939, 5.2190, -10.6682



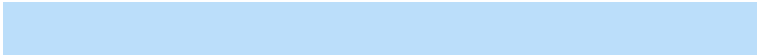
83.4939, 0.7696, 18.9152



83.4939, -13.7163, 17.3436

Sweetspot

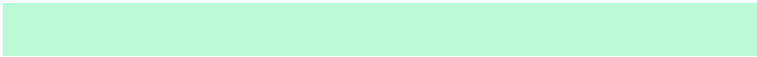
The Sweet Spot groups the original color and five complimentary colors.



83.4939, -9.5630, -12.9440



95.2290, -7.1092, -0.3480



91.5466, -29.8478, 14.5545



43.6481, -3.4271, -0.6710

0.0000, NaN, NaN



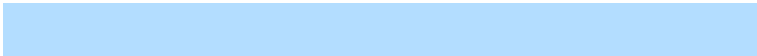
46.2646, -2.4686, 2.5136

Same Dimension

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



83.4939, -9.5630, -12.9440



82.7397, -10.2131, -16.9894



74.0389, 6.4665, -26.6913



42.7112, -3.3515, -0.6502



37.0563, 3.4952, -53.8624



12.1789, -0.5040, -14.1347

Inverse Universe

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



78.1923, 23.8321, -3.8046



76.4988, 30.1898, -5.3529



94.7117, -12.5405, 28.7095



41.6974, 2.5795, 0.7444



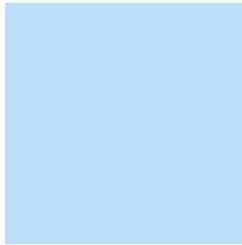
34.3469, 61.7800, -0.7498



10.5545, 19.1692, -1.6632

Previews

White Background



This preview shows how the HunterLab color 83.4922, -9.5619, -12.9455 looks on a white background.

Color Contrast Check

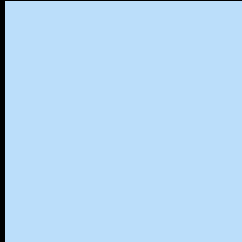
Large Text (above 18pt) WCAG AA × Fail

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 83.4922, -9.5619, -12.9455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

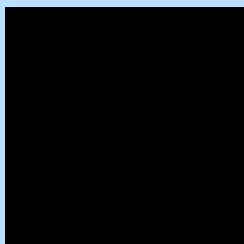
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

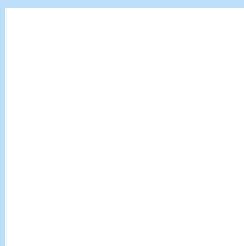
Any Text WCAG AAA ✓ Pass

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

HunterLab 83.4922, -9.5619, -12.9455 Background



This preview shows how black text looks on a background with the HunterLab color 83.4922, -9.5619, -12.9455.



This preview shows how white text looks on a background with the HunterLab color 83.4922, -9.5619,

-12.9455.

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

83.4922, -9.5619, -12.9455

Protanopia

83.2176, 0.4129, -10.8338

Deuteranopia

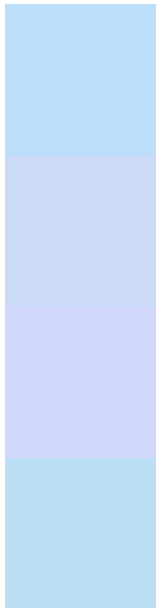
83.3591, 6.0130, -14.0331



Tritanopia

83.3310, -12.4379, -8.0800

Trichromacy



Original Color

83.4922, -9.5619, -12.9455

Protanomaly

83.3995, -3.6436, -11.2309

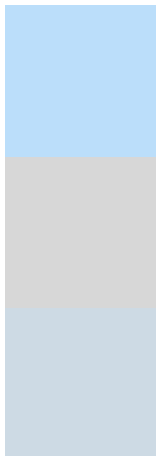
Deuteranomaly

83.4458, -0.0081, -13.4282

Tritanomaly

83.5141, -11.5675, -9.5038

Monochromacy



Original Color

83.4922, -9.5619, -12.9455

Achromatopsia

82.4344, -4.3985, 4.4788

Achromatomaly

82.8996, -6.7267, -1.5305

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.4922, -9.5619, -12.9455 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(187, 222, 250)` looks like.

```
.text, #text, p{  
    color:rgb(187, 222, 250)  
}
```

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(187, 222, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 222, 250) }
```

Border

The CSS property to change the border of an element to HunterLab 83.4922, -9.5619, -12.9455 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(187, 222, 250) }
```


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

```
.border{ border-color:rgb(187, 222, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 222, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 222, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 222, 250);  
box-shadow:4px 4px 4px 4px rgb(187, 222,  
250) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.4922, -9.5619, -12.9455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 222, 250) }
```

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

```
.background{ background-color: rgb(187,  
222, 250) }
```

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