

Converting Colors

HunterLab(87.9571, -21.2643,
2.1834)

Have a look what the booklet for
HunterLab(87.9571, -21.2643,
2.1834) contains.

HunterLab(87.9854, -21.3154, 2.3978)	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(87.9854,
-21.3154, 2.3978)**

Conversions

Conversions Part 1

Format	Color
Hex	BAEEE8
RGB	186, 238, 232
RGB Percent	73%, 93%, 91%
CMY	0.2706, 0.0666, 0.0902
CMYK	0.22, 0.00, 0.03, 0.07
HSL	173°, 60%, 83%
HSV	173°, 22%, 93%
XYZ	65.3897, 77.4143, 87.8399
YIQ	221.7680, -29.0660, -12.8900

Conversions

Conversions Part 2

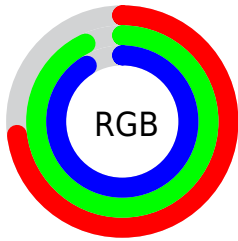
Format	Color
RYB	186, 214, 238
Decimal	12250856
CIELab	90.51, -17.71, -2.54
CIELCh	91, 17.891, 188.164
Yxy	77.4175, 0.2835, 0.3356
Android (android.graphics.Color)	4290440936 (0xFFBAEEE8)
YUV	221.7680, 5.0444, -31.3685
Hunter-Lab	87.9854, -21.3154, 2.3978

Details

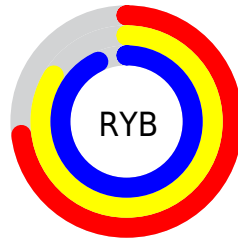
The HunterLab color $87.9854, -21.3154, 2.3978$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $75.5664, 15.0062, 7.6961$, and the grayscale version is $85.3556, -4.5544, 4.6375$.

A 20% lighter version of the original color is $98.8912, -9.2146, 4.0531$, and $64.4174, -18.2947, 1.5685$ is the 20% darker color. If you saturate the color by 10%, you get $86.3283, -27.6424, 1.6719$, and if you desaturate by 10%, it is $89.8934, -14.2302, 3.4285$.

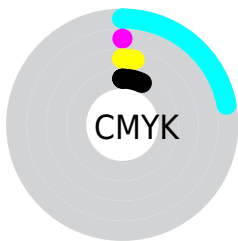
Distribution



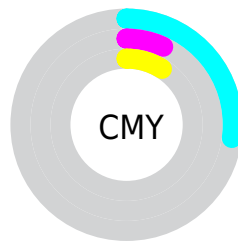
- Red (73%)
- Green (93%)
- Blue (91%)



- Red (73%)
- Yellow (84%)
- Blue (93%)



- Cyan (22%)
- Magenta (0%)
- Yellow (3%)
- Black (7%)



- Cyan (27%)
- Magenta (7%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.9854, -21.3154, 2.3978 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 87.9854, -21.3154, 2.3978 by changing the saturation by 10% instead.

87.9854, -21.3154,
2.3978

87.9854, -21.3154,
2.3978

220.4963,
-34.7544, 8.7759

75.8918, -19.8075,
1.8524

113.8985,
-24.3058, 3.6004

64.4078, -18.2814,
1.3448

127.6662,
-25.7932, 4.2514

53.5697, -16.7306,
0.8791

141.9480,
-27.2795, 4.9337

43.4187, -15.1444,
0.4588

156.7258,
-28.7668, 5.6462

34.0048, -13.5068,
0.0886

171.9835,
-30.2567, 6.3877

25.3910, -11.7933,
-0.2257

187.7066,

17.6600, -9.9623,

-31.7505, 7.1571

-0.4755

203.8817,
-33.2495, 7.9535

■ 10.9273, -8.1140,
-0.6480

■ 2.3841, -4.1722,
-4.2876

■ 87.9854, -21.3154,
2.3978

■ 87.9854, -21.3154,
2.3978

■ 86.3283, -27.6424,
1.6719

■ 89.8934, -14.2302,
3.4285

■ 84.9166, -33.1569,
1.2522

■ 92.0438, -6.4447,
4.7490

■ 83.7487, -37.8265,
1.1390

■ 94.1900, 1.1415,
6.0472

■ 82.8172, -41.6385,
1.3235

■ 94.2774, 1.6145,
4.7998

■ 82.1102, -44.6059,
1.7888

■ 94.3661, 2.0938,
3.5359

■ 81.6104, -46.7712,
2.5091

■ 94.4560, 2.5792,
2.2557

■ 81.2937, -48.2132,
3.4487

■ 94.5471, 3.0709,
0.9590

■ 81.1365, -48.9844,
4.3296

■ 94.6395, 3.5688,
-0.3541

■ 94.6741, 3.7550,
-0.8450

Harmonies

Analogous

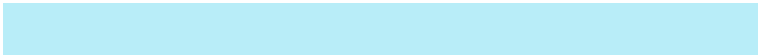
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.9872, -20.3203, 10.7433



87.9854, -21.3154, 2.3978



87.9872, -18.0049, -6.0989

Triad

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



87.9872, -21.3168, 2.3991



87.9872, 6.3461, -9.2889



87.9872, 1.8863, 18.8482

Complementary

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



87.9854, -21.3154, 2.3978



75.5664, 15.0062, 7.6961

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.



87.9872, 9.4468, 14.4425



87.9854, -21.3154, 2.3978



87.9872, 12.0934, -1.6121

Square

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



87.9872, -21.3168, 2.3991



87.9872, -2.2075, -13.2797



87.9872, 13.2505, 7.1144



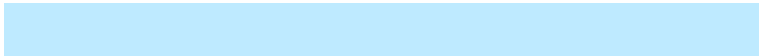
87.9872, -7.1641, 19.6889

Rectangle

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



87.9854, -21.3154, 2.3978



87.9872, -13.7173, -10.5142



87.9872, 13.2505, 7.1144



87.9872, 4.6968, 17.7583

Sweetspot

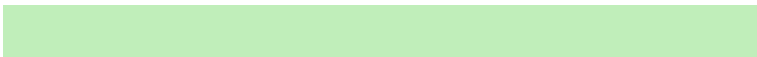
The Sweet Spot groups the original color and five complimentary colors.



87.9872, -21.3168, 2.3991



98.3048, -11.4183, 4.3581



87.1278, -27.1029, 21.6004



45.4155, -5.5177, 1.9766

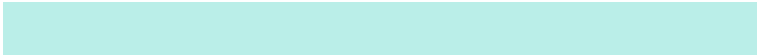
0.0000, NaN, NaN



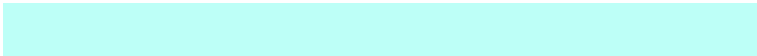
46.2646, -2.4686, 2.5136

Same Dimension

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



87.9872, -21.3168, 2.3991



94.3596, -26.0629, 2.2201



81.7264, -10.2854, -8.5056



42.3033, -5.8255, 1.7391



60.6120, -36.5250, 3.0873



17.5074, -10.3827, 0.5304

Inverse Universe

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



75.5664, 15.0062, 7.6961



78.4397, 20.6076, 9.0605



81.1390, 3.5996, 16.1142



39.7348, 1.6534, 2.8202



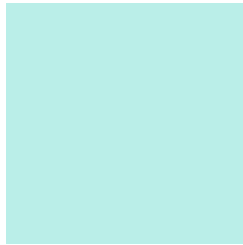
31.9310, 54.8546, 19.3011



9.2619, 16.0145, 4.7970

Previews

White Background



This preview shows how the HunterLab color 87.9854, -21.3154, 2.3978 looks on a white background.

Color Contrast Check

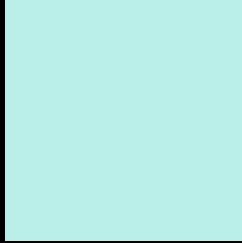
Large Text (above 18pt) WCAG AA × Fail

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 87.9854, -21.3154, 2.3978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

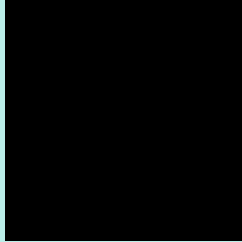
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

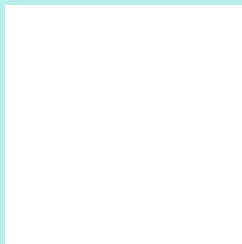
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.9854, -21.3154, 2.3978 Background



This preview shows how black text looks on a background with the HunterLab color 87.9854, -21.3154, 2.3978.



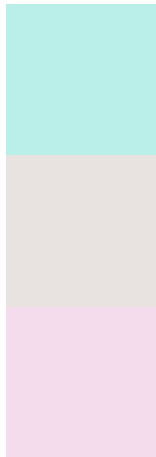
This preview shows how white text looks on a background with the HunterLab color 87.9854, -21.3154, 2.3978.

-21.3154, 2.3978.

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

87.9854, -21.3154, 2.3978

Protanopia

87.7410, -2.8676, 5.8797

Deuteranopia

87.5528, 6.6010, 0.3254



Tritanopia

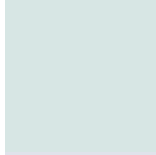
88.0089, -14.7324, -8.6315

Trichromacy



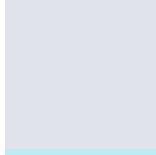
Original Color

87.9854, -21.3154, 2.3978



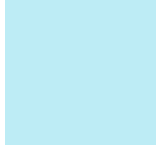
Protanomaly

87.5455, -9.8167, 4.0641



Deuteranomaly

87.6263, -4.2231, 0.7402



Tritanomaly

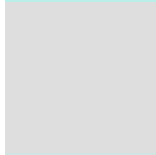
87.9786, -17.0863, -4.3040

Monochromacy



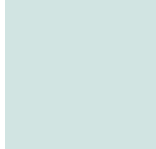
Original Color

87.9854, -21.3154, 2.3978



Achromatopsia

85.4670, -4.5603, 4.6436



Achromatomaly

86.3326, -10.9712, 3.5920

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.9854, -21.3154, 2.3978 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(186, 238, 232)` looks like.

```
.text, #text, p{  
    color:rgb(186, 238, 232)  
}
```

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(186, 238, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 238, 232) }
```

Border

The CSS property to change the border of an element to HunterLab 87.9854, -21.3154, 2.3978 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(186, 238, 232) }
```


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

```
.border{ border-color:rgb(186, 238, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 238, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 238, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 238, 232);  
box-shadow:4px 4px 4px 4px rgb(186, 238,  
232) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.9854, -21.3154, 2.3978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 238, 232) }
```

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

```
.background{ background-color: rgb(186,  
238, 232) }
```

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