

Converting Colors

HunterLab(84.6820, -19.8765,
8.7660)

Have a look what the booklet for
HunterLab(84.6820, -19.8765,
8.7660) contains.

HunterLab(84.5935, -19.8222, 8.5852)	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(84.5935,
-19.8222, 8.5852)**

Conversions

Conversions Part 1

Format	Color
Hex	BDE5D3
RGB	189, 229, 211
RGB Percent	74%, 90%, 83%
CMY	0.2588, 0.1019, 0.1725
CMYK	0.17, 0.00, 0.08, 0.10
HSL	153°, 43%, 82%
HSV	153°, 17%, 90%
XYZ	60.7635, 71.5606, 72.2380
YIQ	214.9880, -18.0620, -14.0780

Conversions

Conversions Part 2

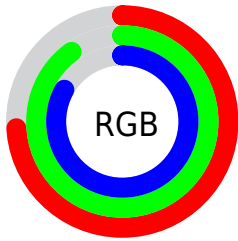
Format	Color
R _Y B	189, 215, 229
Decimal	12445139
CIE Lab	87.76, -16.50, 4.46
CIE LCh	88, 17.091, 164.881
Yxy	71.5636, 0.2970, 0.3498
Android (android.graphics.Color)	4290635219 (0xFFBDE5D3)
YUV	214.9880, -1.9661, -22.7915
Hunter-Lab	84.5935, -19.8222, 8.5852

Details

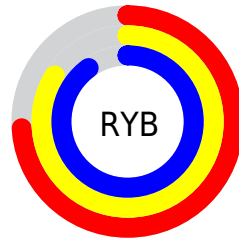
The HunterLab color $84.5935, -19.8222, 8.5852$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $75.8683, 12.5740, 0.8351$, and the grayscale version is $82.4446, -4.3990, 4.4794$.

A 20% lighter version of the original color is $99.1629, -8.2600, 4.3927$, and $61.2147, -16.6693, 6.5330$ is the 20% darker color. If you saturate the color by 10%, you get $82.6813, -27.5193, 10.9754$, and if you desaturate by 10%, it is $86.7529, -11.4173, 6.3583$.

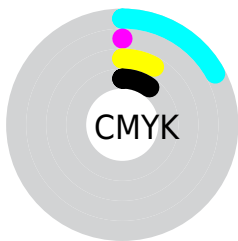
Distribution



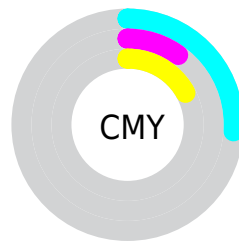
- Red (74%)
- Green (90%)
- Blue (83%)



- Red (74%)
- Yellow (84%)
- Blue (90%)



- Cyan (17%)
- Magenta (0%)
- Yellow (8%)
- Black (10%)





- Cyan (26%)
- Magenta (10%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 84.5935, -19.8222, 8.5852 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 84.5935, -19.8222, 8.5852 by changing the saturation by 10% instead.


 84.5935, -19.8222,
8.5852

 84.5935, -19.8222,
8.5852


215.8752,
-32.8104, 17.2554

 72.6652, -18.3724,
7.7301


 110.1979,
-22.7025, 10.3645

 61.3555, -16.9062,
6.8957


123.8207,
-24.1372, 11.2862

 50.7023, -15.4175,
6.0827


137.9627,
-25.5723, 12.2292

 40.7489, -13.8954,
5.2903

152.6055,
-27.0098, 13.1934

 31.5485, -12.3237,
4.5168

167.7325,
-28.4512, 14.1784

 23.1687, -10.6768,
3.7588

183.3288,

 15.6993, -8.9103,

-29.8978, 15.1840

3.0094

199.3805,
-31.3505, 16.2097

■ 9.2675, -8.2526,
2.4983

0.0000, NaN, NaN

■ 84.5935, -19.8222,
8.5852

■ 84.5935, -19.8222,
8.5852

■ 82.6813, -27.5193,
10.9754

■ 86.7529, -11.4173,
6.3583

■ 81.0146, -34.4304,
13.5028

■ 89.1483, -2.3800,
4.3078

■ 79.5956, -40.4956,
16.1401

■ 91.4917, 6.2621,
2.0890

■ 78.4210, -45.6714,
18.8542

■ 91.8390, 8.1188,
-2.8444

■ 77.4833, -49.9383,
21.6074

■ 91.9355, 8.6335,
-4.2120

■ 76.7698, -53.3064,
24.3592

■ 76.2614, -55.8218,
27.0668

■ 75.9288, -57.5861,
29.6830

■ 75.8592, -57.9672,
30.3172

Harmonies

Analogous

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



84.5953, -15.8184, 14.9616



84.5935, -19.8222, 8.5852



84.5953, -19.8402, 0.4858

Triad

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



84.5953, -19.8238, 8.5864



84.5953, -0.2513, -11.9620



84.5953, 7.4590, 14.9215

Complementary

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



84.5935, -19.8222, 8.5852



75.8683, 12.5740, 0.8351

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.



84.5953, 11.9782, 8.5265



84.5935, -19.8222, 8.5852



84.5953, 7.4079, -7.2536

Square

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



84.5953, -19.8238, 8.5864



84.5953, -8.7673, -11.9419



84.5953, 11.9591, 0.4197



84.5953, -0.1838, 18.3642

Rectangle

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



84.5935, -19.8222, 8.5852



84.5953, -17.5974, -4.8441



84.5953, 11.9591, 0.4197



84.5953, 9.4070, 13.0755

Sweetspot

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



84.5953, -19.8238, 8.5864



98.6395, -10.4705, 6.5989



85.4854, -17.7880, 18.9724



45.5492, -5.1717, 3.1307

0.0000, NaN, NaN



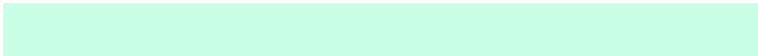
46.2646, -2.4686, 2.5136

Same Dimension

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



84.5953, -19.8238, 8.5864



94.7438, -25.6709, 10.6668



84.7246, -15.9946, 0.0494



40.2755, -6.1328, 3.1675



57.3804, -43.6976, 22.6100



15.6580, -11.5100, 5.2756

Inverse Universe

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



75.8683, 12.5740, 0.8351



82.8913, 18.3795, 0.1653



75.7003, 8.9712, 9.0950



38.0464, 2.1291, 1.1808



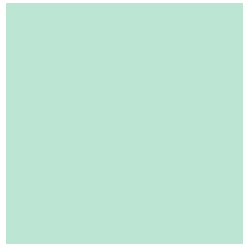
31.7936, 56.2848, 6.3027



8.7492, 15.6881, 0.1896

Previews

White Background



This preview shows how the HunterLab color 84.5935, -19.8222, 8.5852 looks on a white background.

Color Contrast Check

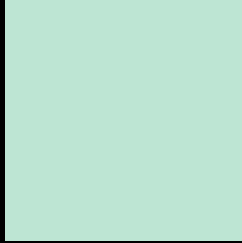
Large Text (above 18pt) WCAG AA × Fail

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 84.5935, -19.8222, 8.5852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

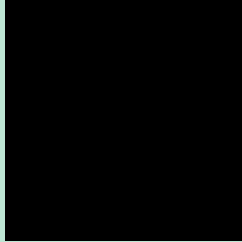
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

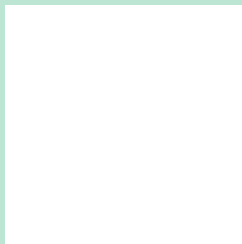
Any Text WCAG AAA ✓ Pass

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

HunterLab 84.5935, -19.8222, 8.5852 Background



This preview shows how black text looks on a background with the HunterLab color 84.5935, -19.8222, 8.5852.



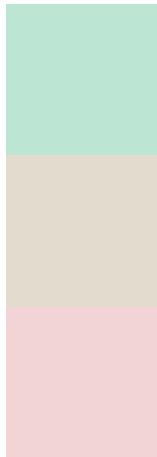
This preview shows how white text looks on a background with the HunterLab color 84.5935,

-19.8222, 8.5852.

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

84.5935, -19.8222, 8.5852

Protanopia

84.4995, -4.1661, 11.4690

Deuteranopia

84.2595, 6.4372, 7.2674



Tritanopia

84.4537, -10.0128, -7.1099

Trichromacy



Original Color

84.5935, -19.8222, 8.5852

Protanomaly

84.5142, -10.4236, 10.4819

Deuteranomaly

84.0446, -3.6888, 7.3141

Tritanomaly

84.5575, -13.6903, -1.1458

Monochromacy



Original Color

84.5935, -19.8222, 8.5852

Achromatopsia

82.4344, -4.3985, 4.4788

Achromatomaly

83.1644, -9.9220, 5.7168

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.5935, -19.8222, 8.5852 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(189, 229, 211)` looks like.

```
.text, #text, p{  
    color:rgb(189, 229, 211)  
}
```

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(189, 229, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 229, 211) }
```

Border

The CSS property to change the border of an element to HunterLab 84.5935, -19.8222, 8.5852 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(189, 229, 211) }
```


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

```
.border{ border-color:rgb(189, 229, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 229, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 229, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 229, 211);  
box-shadow:4px 4px 4px 4px rgb(189, 229,  
211) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.5935, -19.8222, 8.5852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 229, 211) }
```

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

```
.background{ background-color: rgb(189,  
229, 211) }
```

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