

# Converting Colors

HunterLab(79.9652, -14.1828,  
-19.5355)

Have a look what the booklet for  
HunterLab(79.9652, -14.1828,  
-19.5355) contains.

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# Color

**HunterLab(79.8887,  
-14.0374, -19.3680)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9DD9FC
RGB	157, 217, 252
RGB Percent	62%, 85%, 99%
CMY	0.3843, 0.1490, 0.0118
CMYK	0.38, 0.14, 0.00, 0.01
HSL	202°, 94%, 80%
HSV	202°, 38%, 99%
XYZ	56.2881, 63.8220, 101.4476
YIQ	203.0500, -46.9950, -1.8350

# Conversions

## Conversions Part 2

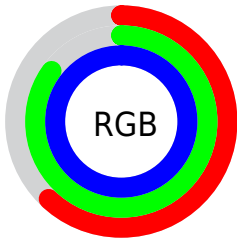
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 194, 252
Decimal	10344956
CIELab	83.87, -10.60, -23.14
CIELCh	84, 25.457, 245.384
Yxy	63.8245, 0.2541, 0.2881
Android (android.graphics.Color)	4288535036 (0xFF9DD9FC)
YUV	203.0500, 24.1323, -40.3859
Hunter-Lab	79.8887, -14.0374, -19.3680

# Details

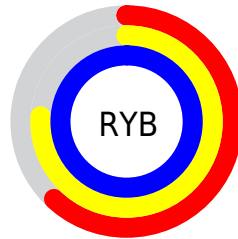
The HunterLab color **79.8887, -14.0374, -19.3680** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **77.9936, 12.4597, 24.0273**, and the grayscale version is **77.2163, -4.1201, 4.1953**.

A 20% lighter version of the original color is **96.4552, -17.8959, 0.9676**, and **57.0504, -11.8013, -18.7090** is the 20% darker color. If you saturate the color by 10%, you get **75.4277, -14.7533, -26.1726**, and if you desaturate by 10%, it is **84.5858, -12.5763, -12.6534**.

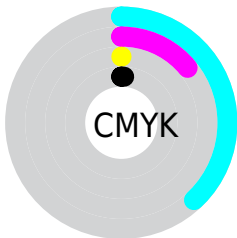
# Distribution



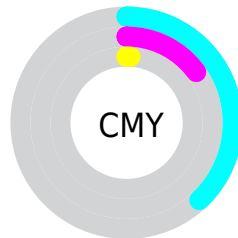
- Red (62%)
- Green (85%)
- Blue (99%)



- Red (62%)
- Yellow (76%)
- Blue (99%)



- Cyan (38%)
- Magenta (14%)
- Yellow (0%)
- Black (1%)



- Cyan (38%)
- Magenta (15%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.8887, -14.0374, -19.3680 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 79.8887, -14.0374, -19.3680 by changing the saturation by 10% instead.



■ 79.8887, -14.0374,  
-19.3680

■ 79.8887, -14.0374,  
-19.3680

209.4172,  
-24.8169, -19.3483

■ 68.1972, -12.8859,  
-19.1074

■ 105.0515,  
-16.3601, -19.7104

■ 57.1378, -11.7357,  
-18.7870

■ 118.4672,  
-17.5338, -19.8004

■ 46.7508, -10.5830,  
-18.4044

132.4098,  
-18.7178, -19.8393

■ 37.0829, -9.4213,  
-17.9620

146.8601,  
-19.9129, -19.8297

■ 28.1922, -8.2401,  
-17.4704

161.8010,  
-21.1199, -19.7738

■ 20.1536, -7.0225,  
-16.9622

177.2167,

■ 13.0695, -5.7371,

-22.3393, -19.6736

-16.5375

193.0931,  
-23.5716, -19.5312

■ 6.5491, -7.4050,  
-18.7299

0.0000, NaN, -NF

■ 79.8887, -14.0374,  
-19.3680

■ 79.8887, -14.0374,  
-19.3680

■ 75.4277, -14.7533,  
-26.1726

■ 84.5858, -12.5763,  
-12.6534

■ 71.2162, -14.6436,  
-33.0469

■ 89.4967, -10.4464,  
-6.0478

■ 67.2728, -13.6374,  
-39.9536

■ 94.6059, -7.7227,  
0.4432

■ 63.6116, -11.6820,  
-46.8470

■ 99.6295, -5.4057,  
6.4895

■ 60.2402, -8.7610,  
-53.6775

99.9041, -5.8612,  
6.8014

■ 57.1496, -4.9329,  
-60.4168

■ 56.4629, -3.9786,  
-61.9852

# Harmonies

## Analogous

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



79.8902, -22.9411, -10.0628



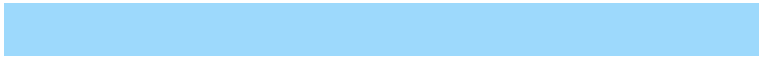
79.8887, -14.0374, -19.3680



79.8902, -1.9982, -21.9405

# Triad

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



79.8902, -14.0381, -19.3666



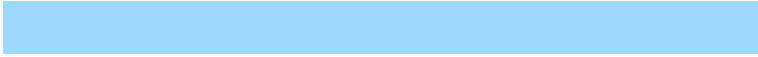
79.8902, 21.1095, 6.4654



79.8902, -17.7194, 20.8400

# Complementary

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



79.8887, -14.0374, -19.3680



77.9936, 12.4597, 24.0273

# 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.



79.8902, -6.5108, 23.9342



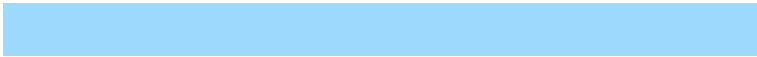
79.8887, -14.0374, -19.3680



79.8902, 16.2973, 16.4924

# Square

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



79.8902, -14.0381, -19.3666



79.8902, 18.7896, -5.7778



79.8902, 5.9974, 22.4741



79.8902, -24.9732, 13.3016



# Rectangle

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



79.8887, -14.0374, -19.3680



79.8902, 6.3045, -19.1998



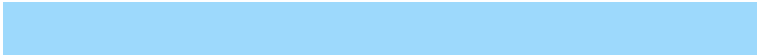
79.8902, 5.9974, 22.4741



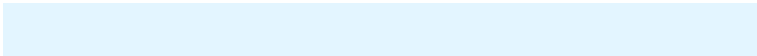
79.8902, -14.3159, 22.3768

# Sweetspot

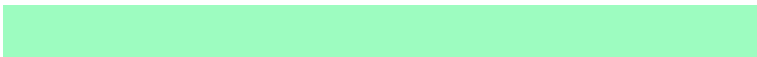
The Sweet Spot groups the original color and five complimentary colors.



79.8902, -14.0381, -19.3666



94.1519, -8.8032, -1.7152



89.7712, -41.3504, 21.7190



43.2327, -4.2498, -1.2057

0.0000, NaN, NaN

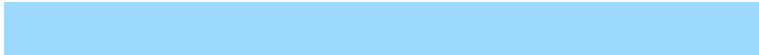


46.2646, -2.4686, 2.5136



# Same Dimension

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



79.8902, -14.0381, -19.3666



77.6323, -14.8382, -24.6778



65.4392, 10.3820, -42.9374



42.9774, -3.7859, -0.3270



41.1073, -3.4543, -43.9237



13.2946, -2.2948, -11.6633



# Inverse Universe

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



70.5839, 40.1687, -10.9473



66.9922, 49.6410, -13.4025



92.2277, -11.9909, 36.1129



41.7250, 2.7275, 0.3517



34.8092, 63.4505, -7.2647

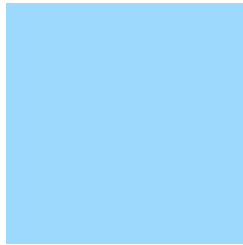


10.6895, 19.6550, -3.5493



# Previews

## White Background



This preview shows how the HunterLab color 79.8887, -14.0374, -19.3680 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

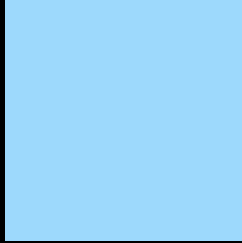
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 79.8887, -14.0374, -19.3680 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

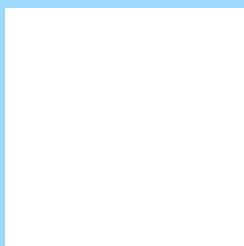
Any Text WCAG AAA ✓ Pass

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

## HunterLab 79.8887, -14.0374, -19.3680 Background



This preview shows how black text looks on a background with the HunterLab color 79.8887, -14.0374, -19.3680.



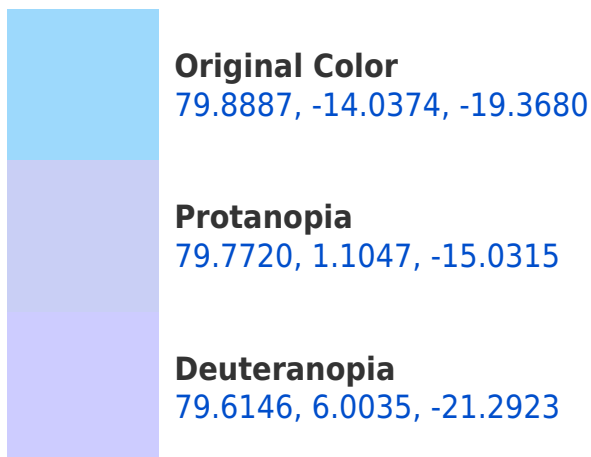
This preview shows how white text looks on a background with the HunterLab color 79.8887, -14.0374, -19.3680.

-14.0374, -19.3680.

# 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

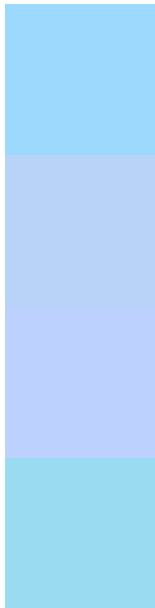




## Tritanopia

80.0457, -19.6253, -10.3654

# Trichromacy



## Original Color

79.8887, -14.0374, -19.3680

## Protanomaly

79.7998, -4.8906, -16.8955

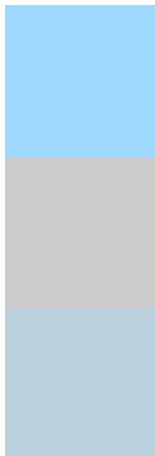
## Deuteranomaly

79.6543, -1.7369, -20.7417

## Tritanomaly

79.9649, -17.8692, -13.3239

# Monochromacy



## Original Color

79.8887, -14.0374, -19.3680

## Achromatopsia

77.2788, -4.1234, 4.1987

## Achromatomaly

77.9560, -8.5247, -4.1403

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 79.8887, -14.0374, -19.3680 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(157, 217, 252)` looks like.

```
.text, #text, p{  
    color:rgb(157, 217, 252)  
}
```

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(157, 217, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 217, 252) }
```

## Border

The CSS property to change the border of an element to HunterLab 79.8887, -14.0374, -19.3680 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(157, 217, 252) }
```



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

```
.border{ border-color:rgb(157, 217, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 217, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 217, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 217, 252);  
box-shadow:4px 4px 4px 4px rgb(157, 217,  
252) }
```

# Background

The CSS property to change the background color of an element to HunterLab 79.8887, -14.0374, -19.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 217, 252) }
```

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

```
.background{ background-color: rgb(157,  
217, 252) }
```

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](#).

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