

# Converting Colors

HunterLab(79.8088, -20.1865,  
-21.4597)

Have a look what the booklet for  
HunterLab(79.8088, -20.1865,  
-21.4597) contains.

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# Color

**HunterLab(79.9496,  
-20.2877, -21.2509)**

# Conversions

Conversions Part 1	
Format	Color
Hex	85DDFF
RGB	133, 221, 255
RGB Percent	52%, 87%, 100%
CMY	0.4784, 0.1333, 0.0000
CMYK	0.48, 0.13, 0.00, 0.00
HSL	197°, 100%, 76%
HSV	197°, 48%, 100%
XYZ	53.5793, 63.9194, 104.1214
YIQ	198.5640, -63.3620, -8.0820

# Conversions

## Conversions Part 2

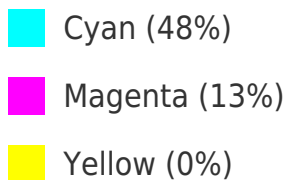
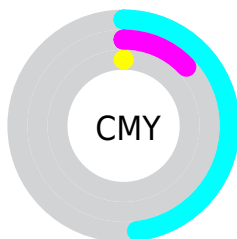
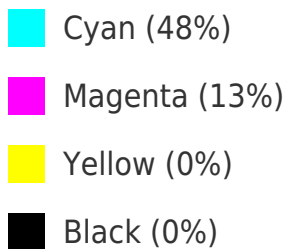
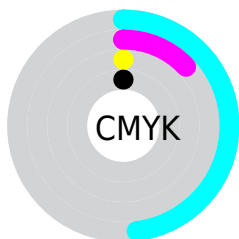
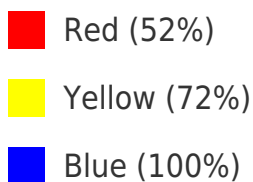
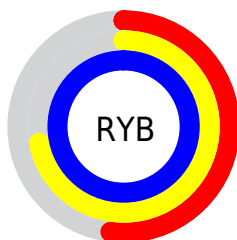
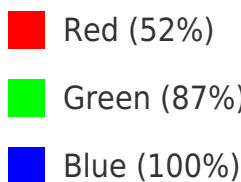
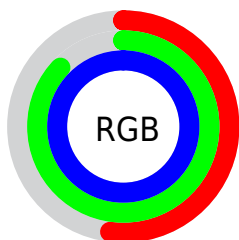
Format	Color
<a href="#">RYB</a>	<a href="#">133, 184, 255</a>
Decimal	<a href="#">8773119</a>
CIELab	<a href="#">83.92, -17.67, -24.76</a>
CIELCh	<a href="#">84, 30.415, 234.484</a>
Yxy	<a href="#">63.9217, 0.2418, 0.2884</a>
Android (android.graphics.Color)	<a href="#">4286963199</a> (0xFF85DDFF)
YUV	<a href="#">198.5640, 27.8229, -57.4996</a>
Hunter-Lab	<a href="#">79.9496, -20.2877, -21.2509</a>

# Details

The HunterLab color **79.9496, -20.2877, -21.2509** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **71.1279, 24.3260, 25.7557**, and the grayscale version is **75.2935, -4.0175, 4.0908**.

A 20% lighter version of the original color is **94.8401, -23.7797, -1.1210**, and **57.2417, -17.2967, -20.3686** is the 20% darker color. If you saturate the color by 10%, you get **76.4319, -21.2008, -26.6636**, and if you desaturate by 10%, it is **83.7183, -18.5275, -15.7395**.

# Distribution





# Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.9496, -20.2877, -21.2509 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 79.9496, -20.2877, -21.2509 by changing the saturation by 10% instead.





 79.9496, -20.2877,  
-21.2509


 79.9496, -20.2877,  
-21.2509


209.5011,  
-33.7111, -21.6493


 68.2549, -18.7709,  
-20.9421


 105.1181,  
-23.2845, -21.6887

 57.1922, -17.2318,  
-20.5754


 118.5365,  
-24.7721, -21.8264

 46.8017, -15.6617,  
-20.1491


 132.4817,  
-26.2571, -21.9127

 37.1300, -14.0465,  
-19.6681

146.9346,  
-27.7418, -21.9499

 28.2352, -12.3654,  
-19.1475

161.8779,  
-29.2282, -21.9401

 20.1920, -10.5841,  
-18.6299


177.2960,

 13.1028, -8.6410,


-30.7177, -21.8855


-18.2401


193.1747,  
-32.2117, -21.7880


 6.5918, -11.5357,  
-20.6691


0.0000, NaN, -NF


 79.9496, -20.2877,  
-21.2509


 79.9496, -20.2877,  
-21.2509


 76.4319, -21.2008,  
-26.6636


 83.7183, -18.5275,  
-15.7395


 73.1701, -21.2151,  
-31.9454

 87.7219, -15.9813,  
-10.1700

 70.1699, -20.3049,  
-37.0558

 91.9485, -12.7188,  
-4.5692

 67.4280, -18.4823,  
-41.9641

 96.3843, -8.8097,  
1.0402

■ 64.9242, -15.8312, 100.0000, -5.3358,  
-46.6687 5.4332

■ 64.4014, -15.2012,  
-47.6812

# Harmonies

## Analogous

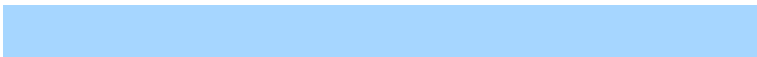
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.9511, -28.7776, -7.8265



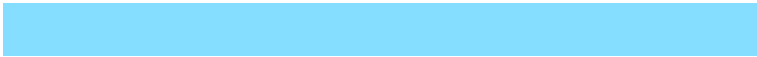
79.9496, -20.2877, -21.2509



79.9511, -7.0136, -27.9188

# Triad

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



79.9511, -20.2884, -21.2488



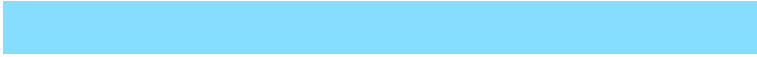
79.9511, 26.3905, 1.6797



79.9511, -15.8347, 25.4467

# Complementary

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



79.9496, -20.2877, -21.2509



71.1279, 24.3260, 25.7557

# 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.



79.9511, -1.4895, 27.0600



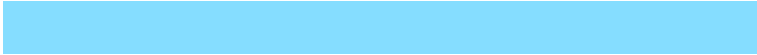
79.9496, -20.2877, -21.2509



79.9511, 23.5985, 14.8725

# Square

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



79.9511, -20.2884, -21.2488



79.9511, 20.4900, -13.2124



79.9511, 13.1175, 23.5581



79.9511, -26.3416, 18.6591



# Rectangle

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



79.9496, -20.2877, -21.2509



79.9511, 3.0448, -26.8969



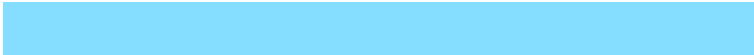
79.9511, 13.1175, 23.5581



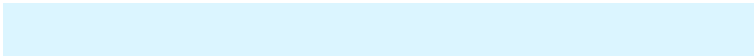
79.9511, -11.3315, 26.5528

# Sweetspot

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



79.9511, -20.2884, -21.2488



93.6283, -11.2901, -2.4146



89.0187, -50.9624, 30.0803



42.8784, -5.6000, -1.6771

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



79.9511, -20.2884, -21.2488



76.7181, -21.1581, -26.2128



61.5318, 9.9555, -53.0710



44.2440, -4.3960, 0.0496



46.8362, -11.4061, -33.9187



15.2319, -4.4521, -9.4277



# Inverse Universe

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



65.7702, 55.0150, -20.1784



61.0056, 65.8109, -23.4083



88.1122, -6.6837, 39.2443



42.6719, 2.9790, -0.1241



35.9756, 66.7061, -16.2625

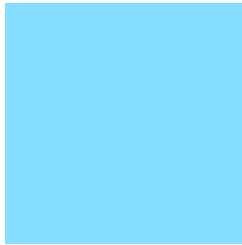


11.3082, 21.1089, -6.2062



# Previews

## White Background



This preview shows how the HunterLab color 79.9496, -20.2877, -21.2509 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

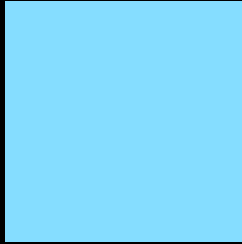
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 79.9496, -20.2877, -21.2509 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 79.9496, -20.2877, -21.2509 Background



This preview shows how black text looks on a background with the HunterLab color 79.9496, -20.2877, -21.2509.



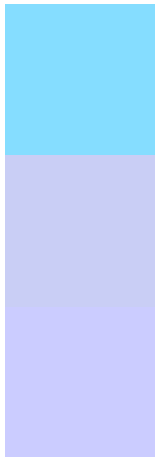
This preview shows how white text looks on a background with the HunterLab color 79.9496, -20.2877, -21.2509.

-20.2877, -21.2509.

# 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

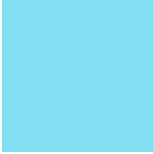
79.9496, -20.2877, -21.2509

### Protanopia

79.4687, 1.6301, -15.4543

### Deuteranopia

79.4369, 5.4076, -21.5698



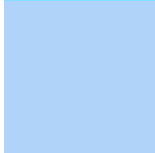
## **Tritanopia**

79.8707, -25.0849, -12.9987

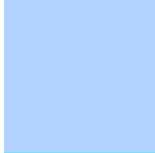
# Trichromacy



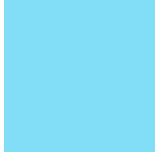
**Original Color**  
79.9496, -20.2877, -21.2509



**Protanomaly**  
79.1569, -7.0626, -18.4764

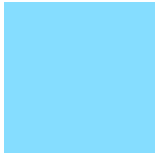


**Deuteranomaly**  
79.2327, -4.7097, -22.0549

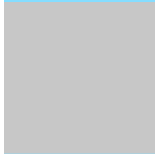


**Tritanomaly**  
79.7761, -23.3430, -16.0502

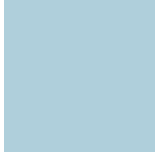
# Monochromacy



**Original Color**  
79.9496, -20.2877, -21.2509



**Achromatopsia**  
75.5728, -4.0324, 4.1060



**Achromatomaly**  
76.7164, -11.4520, -4.7227

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 79.9496, -20.2877, -21.2509 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(133, 221, 255)` looks like.

```
.text, #text, p{  
    color:rgb(133, 221, 255)  
}
```

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(133, 221, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 221, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 79.9496, -20.2877, -21.2509 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(133, 221, 255) }
```



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

```
.border{ border-color:rgb(133, 221, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 221, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 221, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 221, 255);  
box-shadow:4px 4px 4px 4px rgb(133, 221,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 79.9496, -20.2877, -21.2509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 221, 255) }
```

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

```
.background{ background-color: rgb(133,  
221, 255) }
```

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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