

# Converting Colors

HunterLab(81.2447, -12.5388,  
-39.4546)

Have a look what the booklet for  
HunterLab(81.2447, -12.5388,  
-39.4546) contains.

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# Color

**HunterLab(80.0008,  
-20.0997, -21.1713)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	86DDFF
RGB	134, 221, 255
RGB Percent	53%, 87%, 100%
CMY	0.4745, 0.1333, 0.0000
CMYK	0.47, 0.13, 0.00, 0.00
HSL	197°, 100%, 76%
HSV	197°, 47%, 100%
XYZ	53.7380, 64.0013, 104.1290
YIQ	198.8630, -62.7660, -7.8700

# Conversions

## Conversions Part 2

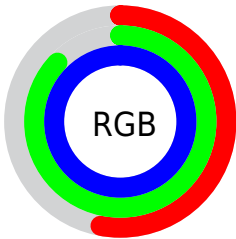
<b>Format</b>	<b>Color</b>
<b>RYB</b>	134, 185, 255
Decimal	8838655
CIELab	83.97, -17.45, -24.69
CIELCh	84, 30.230, 234.753
Yxy	64.0036, 0.2422, 0.2885
Android (android.graphics.Color)	4287028735 (0xFF86DDFF)
YUV	198.8630, 27.6755, -56.8849
Hunter-Lab	80.0008, -20.0997, -21.1713

# Details

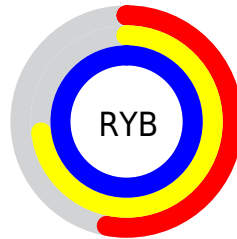
The HunterLab color **80.0008, -20.0997, -21.1713** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **71.4054, 23.8954, 25.6889**, and the grayscale version is **75.4212, -4.0243, 4.0978**.

A 20% lighter version of the original color is **94.9091, -23.5261, -1.0310**, and **57.2761, -17.1686, -20.3119** is the 20% darker color. If you saturate the color by 10%, you get **76.4536, -21.0212, -26.6263**, and if you desaturate by 10%, it is **83.7987, -18.3339, -15.6223**.

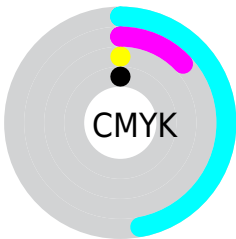
# Distribution



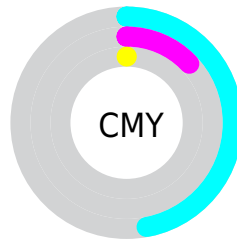
- Red (53%)
- Green (87%)
- Blue (100%)



- Red (53%)
- Yellow (73%)
- Blue (100%)



- Cyan (47%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (47%)
- Magenta (13%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.0008, -20.0997, -21.1713 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 80.0008, -20.0997, -21.1713 by changing the saturation by 10% instead.



80.0008, -20.0997,  
-21.1713

80.0008, -20.0997,  
-21.1713

209.5716,  
-33.4386, -21.5499

68.3034, -18.5947,  
-20.8646

105.1742,  
-23.0749, -21.6044

57.2380, -17.0683,  
-20.5001

118.5949,  
-24.5525, -21.7399

46.8445, -15.5117,  
-20.0759

132.5423,  
-26.0278, -21.8240

37.1697, -13.9114,  
-19.5967

146.9973,  
-27.5033, -21.8590

28.2713, -12.2468,  
-19.0773

161.9427,  
-28.9808, -21.8470

20.2244, -10.4843,  
-18.5598

177.3628,

13.1308, -8.5634,

-30.4617, -21.7903

-18.1671

193.2434,  
-31.9473, -21.6907

■ 6.6275, -11.5982,  
-20.5138

0.0000, NaN, -NF

■ 80.0008, -20.0997,  
-21.1713

■ 80.0008, -20.0997,  
-21.1713

■ 76.4536, -21.0212,  
-26.6263

■ 83.7987, -18.3339,  
-15.6223

■ 73.1622, -21.0452,  
-31.9555

■ 87.8309, -15.7857,  
-10.0200

■ 70.1330, -20.1445,  
-37.1179

■ 92.0854, -12.5249,  
-4.3907

■ 67.3631, -18.3285,  
-42.0816

■ 96.5483, -8.6213,  
1.2434

■ 64.8344, -15.6734, 100.0000, -5.3358,  
-46.8409 5.4332

■ 64.2123, -14.9212,  
-48.0493

# Harmonies

## Analogous

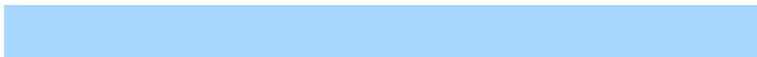
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.0023, -28.5975, -7.8799



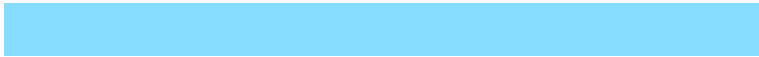
80.0008, -20.0997, -21.1713



80.0023, -6.8685, -27.7079

# Triad

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



80.0023, -20.1004, -21.1691



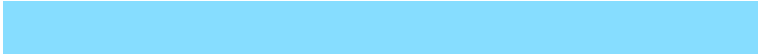
80.0023, 26.2079, 1.8298



80.0023, -15.8865, 25.3109

# Complementary

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



80.0008, -20.0997, -21.1713



71.4054, 23.8954, 25.6889

# 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.



80.0023, -1.6440, 26.9647



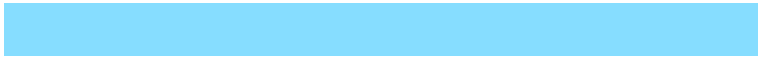
80.0008, -20.0997, -21.1713



80.0023, 23.3570, 14.9181

# Square

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



80.0023, -20.1004, -21.1691



80.0023, 20.4192, -12.9687



80.0023, 12.8893, 23.5208

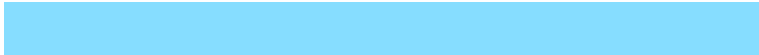


80.0023, -26.2918, 18.5035



# Rectangle

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



80.0008, -20.0997, -21.1713



80.0023, 3.1326, -26.6334



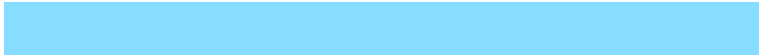
80.0023, 12.8893, 23.5208



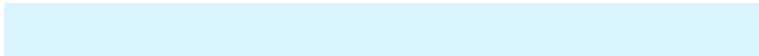
80.0023, -11.4187, 26.4286

# Sweetspot

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



80.0023, -20.1004, -21.1691



93.6017, -11.2477, -2.4472



89.0797, -50.6883, 29.9045



42.8642, -5.5774, -1.6947

0.0000, NaN, NaN

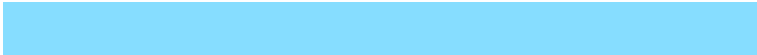


46.2646, -2.4686, 2.5136

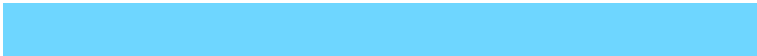


# Same Dimension

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



80.0023, -20.1004, -21.1691



76.6074, -20.9988, -26.3838



61.8168, 9.7619, -52.4785



44.2357, -4.3826, 0.0397



46.7015, -11.2077, -34.1787



15.1943, -4.3986, -9.4963



# Inverse Universe

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



65.9790, 54.4834, -19.8640



60.9916, 65.7498, -23.2142



88.2002, -6.7155, 39.0682



42.6711, 2.9744, -0.1117



35.9579, 66.6429, -16.0192

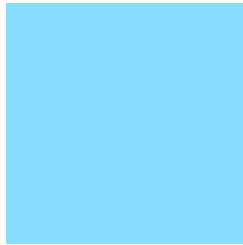


11.3031, 21.0908, -6.1364



# Previews

## White Background



This preview shows how the HunterLab color 80.0008, -20.0997, -21.1713 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

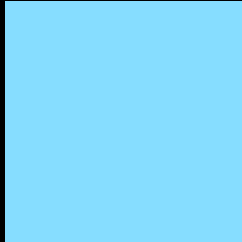
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 80.0008, -20.0997, -21.1713 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

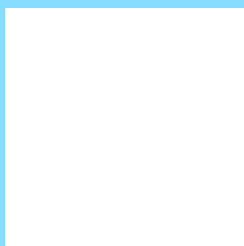
Any Text WCAG AAA ✓ Pass

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

## HunterLab 80.0008, -20.0997, -21.1713 Background



This preview shows how black text looks on a background with the HunterLab color 80.0008, -20.0997, -21.1713.



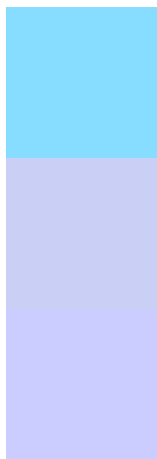
This preview shows how white text looks on a background with the HunterLab color 80.0008,

-20.0997, -21.1713.

# 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

80.0008, -20.0997, -21.1713

### Protanopia

79.7720, 1.1047, -15.0315

### Deuteranopia

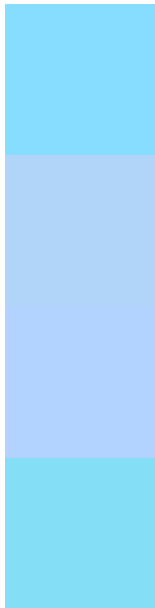
79.4369, 5.4076, -21.5698



## Tritanopia

79.9200, -24.9008, -12.9271

# Trichromacy



## Original Color

80.0008, -20.0997, -21.1713

## Protanomaly

79.5447, -7.3136, -17.9146

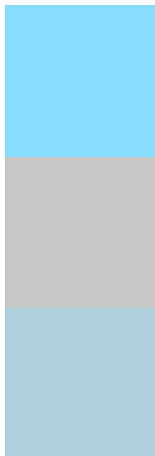
## Deuteranomaly

79.2327, -4.7097, -22.0549

## Tritanomaly

79.8259, -23.1580, -15.9759

# Monochromacy



## Original Color

80.0008, -20.0997, -21.1713

## 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 80.0008, -20.0997, -21.1713 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(134, 221, 255)` looks like.

```
.text, #text, p{  
    color:rgb(134, 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(134, 221, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 221, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 80.0008, -20.0997, -21.1713 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(134, 221, 255) }
```



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

```
.border{ border-color:rgb(134, 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(134, 221, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 221, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 221, 255);  
box-shadow:4px 4px 4px 4px rgb(134, 221,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 80.0008, -20.0997, -21.1713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 221, 255) }
```

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

```
.background{ background-color: rgb(134,  
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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