

# Converting Colors

HunterLab(85.0768, 17.1528,  
-85.7645)

Have a look what the booklet for  
HunterLab(85.0768, 17.1528,  
-85.7645) contains.

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# Color

**HunterLab(80.3689, -8.7982,  
-20.4255)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ACD7FF
RGB	172, 215, 255
RGB Percent	67%, 84%, 100%
CMY	0.3255, 0.1568, 0.0000
CMYK	0.33, 0.16, 0.00, 0.00
HSL	209°, 100%, 84%
HSV	209°, 33%, 100%
XYZ	59.3637, 64.5916, 103.9465
YIQ	206.7030, -38.4680, 3.3240

# Conversions

## Conversions Part 2

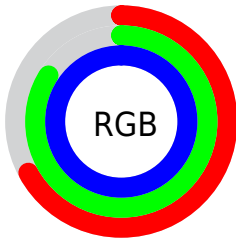
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	172, 200, 255
Decimal	11327487
CIE Lab	84.27, -4.82, -24.04
CIE LCh	84, 24.522, 258.676
Yxy	64.5940, 0.2605, 0.2834
Android (android.graphics.Color)	4289517567 (0xFFACD7FF)
YUV	206.7030, 23.8104, -30.4345
Hunter-Lab	80.3689, -8.7982, -20.4255

# Details

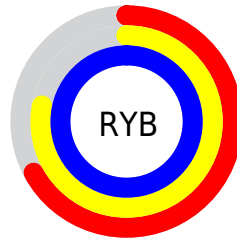
The HunterLab color  $80.3689, -8.7982, -20.4255$  is a light color, and the websafe version is hex  $99CCFF$ . A complement of this color would be  $84.4544, 4.8680, 24.7241$ , and the grayscale version is  $78.7783, -4.2034, 4.2802$ .

A 20% lighter version of the original color is  $97.6719, -13.5318, 2.5181$ , and  $57.4463, -7.0028, -19.8653$  is the 20% darker color. If you saturate the color by 10%, you get  $74.8030, -8.5312, -29.0436$ , and if you desaturate by 10%, it is  $86.1724, -8.3758, -12.1415$ .

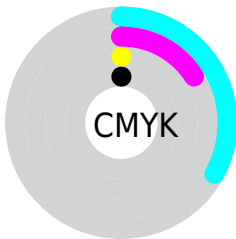
# Distribution



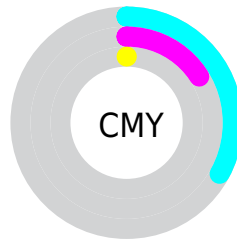
- Red (67%)
- Green (84%)
- Blue (100%)



- Red (67%)
- Yellow (78%)
- Blue (100%)



- Cyan (33%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (33%)
- Magenta (16%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.3689, -8.7982, -20.4255 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 80.3689, -8.7982, -20.4255 by changing the saturation by 10% instead.



■ 80.3689, -8.7982,  
-20.4255

■ 80.3689, -8.7982,  
-20.4255

210.0790,  
-17.4614, -20.6238

■ 68.6527, -7.9376,  
-20.1394

■ 105.5775,  
-10.5839, -20.8168

■ 57.5674, -7.0958,  
-19.7951

119.0146,  
-11.5067, -20.9317

■ 47.1526, -6.2732,  
-19.3900

132.9778,  
-12.4498, -20.9954

■ 37.4549, -5.4687,  
-18.9275

147.4481,  
-13.4129, -21.0102

■ 28.5318, -4.6796,  
-18.4202

162.4082,  
-14.3959, -20.9785

■ 20.4575, -3.9014,  
-17.9046

177.8427,

■ 13.3328, -3.1249,

-15.3985, -20.9023

-17.4896

193.7372,  
-16.4204, -20.7834

■ 6.8787, -3.4177,  
-19.2780

0.0000, NaN, -NF

■ 80.3689, -8.7982,  
-20.4255

■ 80.3689, -8.7982,  
-20.4255

■ 74.8030, -8.5312,  
-29.0436

■ 86.1724, -8.3758,  
-12.1415

■ 69.4964, -7.4708,  
-38.0209

■ 92.1859, -7.3513,  
-4.1719

■ 64.4795, -5.5116,  
-47.3580

■ 98.3908, -5.8048,  
3.5160

■ 59.7832, -2.5511,  
-57.0338

■ 100.0000, -5.3358,  
5.4332

■ 55.4378, 1.4907,  
-66.9950

■ 51.4674, 6.6392,  
-77.1570

■ 48.7380, 11.0929,  
-84.8645

# Harmonies

## Analogous

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



80.3704, -19.0507, -14.0338



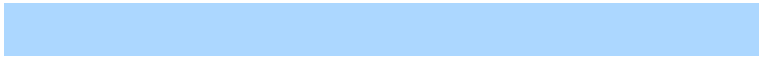
80.3689, -8.7982, -20.4255



80.3704, 3.2748, -19.4765

# Triad

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



80.3704, -8.7993, -20.4232



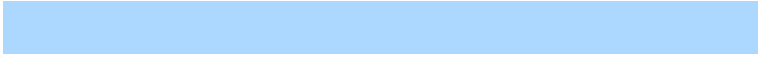
80.3704, 18.8966, 11.1280



80.3704, -20.9898, 17.6303

# Complementary

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



80.3689, -8.7982, -20.4255



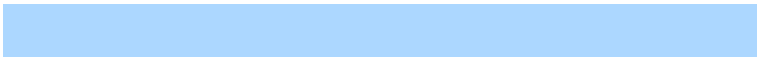
84.4544, 4.8680, 24.7241

# 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.



80.3704, -11.5901, 22.6054



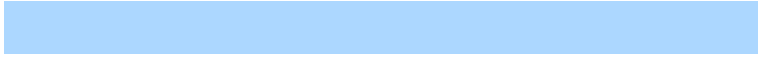
80.3689, -8.7982, -20.4255



80.3704, 11.6136, 19.2513

# Square

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



80.3704, -8.7993, -20.4232



80.3704, 19.7533, -0.0823



80.3704, 0.3155, 23.1514

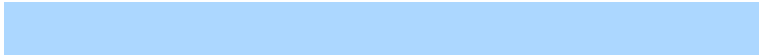


80.3704, -25.8068, 8.5903



# Rectangle

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



80.3689, -8.7982, -20.4255



80.3704, 10.7308, -14.8400



80.3704, 0.3155, 23.1514



80.3704, -18.2877, 19.7725

# Sweetspot

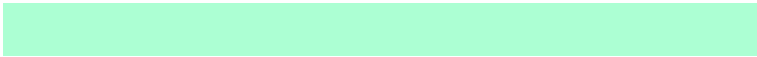
The Sweet Spot groups the original color and five complimentary colors.



80.3704, -8.7993, -20.4232



93.7492, -7.0040, -2.1878



92.1851, -36.4336, 16.6412



42.9730, -3.3309, -1.5175

0.0000, NaN, NaN

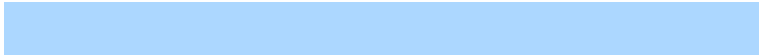


46.2646, -2.4686, 2.5136

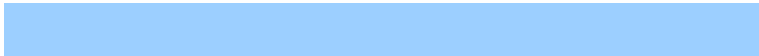


# Same Dimension

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



80.3704, -8.7993, -20.4232



76.7497, -8.7116, -25.9453



68.2361, 12.2966, -39.9422



43.5140, -3.2073, -0.8346



35.6549, 7.1997, -60.1076



12.0691, 0.5160, -16.1993



# Inverse Universe

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



74.6143, 32.7223, -4.5384



70.2815, 40.3787, -5.8260



96.9568, -15.8189, 35.5992



42.5961, 2.5725, 0.9545



34.6574, 61.9558, 2.2088

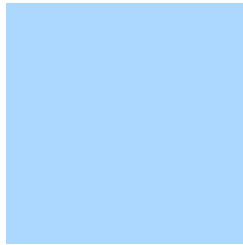


10.9160, 19.7014, -0.7553



# Previews

## White Background



This preview shows how the HunterLab color 80.3689, -8.7982, -20.4255 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

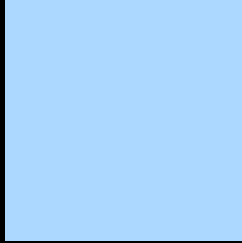
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 80.3689, -8.7982, -20.4255 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

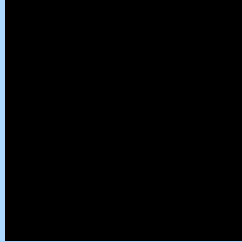
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

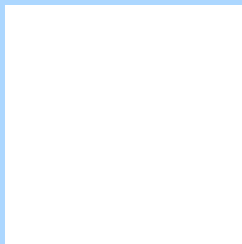
Any Text WCAG AAA ✓ Pass

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

## HunterLab 80.3689, -8.7982, -20.4255 Background



This preview shows how black text looks on a background with the HunterLab color 80.3689, -8.7982, -20.4255.



This preview shows how white text looks on a background with the HunterLab color 80.3689, -8.7982, -20.4255.

-20.4255.

# 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

80.3689, -8.7982, -20.4255

### Protanopia

80.2692, 1.6246, -17.3145

### Deuteranopia

80.0028, 5.7686, -20.7154



## Tritanopia

80.3267, -15.3295, -9.3456

# Trichromacy



## Original Color

80.3689, -8.7982, -20.4255

## Protanomaly

80.3517, -2.6610, -18.4897

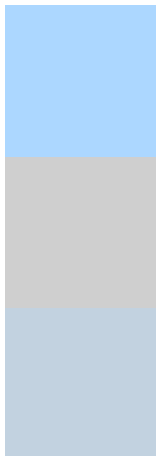
## Deuteranomaly

80.1812, 0.1535, -20.5477

## Tritanomaly

80.3317, -13.1406, -13.3135

# Monochromacy



## Original Color

80.3689, -8.7982, -20.4255

## Achromatopsia

78.9912, -4.2148, 4.2917

## Achromatomaly

79.3375, -6.6616, -3.9306

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 80.3689, -8.7982, -20.4255 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(172, 215, 255)` looks like.

```
.text, #text, p{  
    color:rgb(172, 215, 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(172, 215, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 215, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 80.3689, -8.7982, -20.4255 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(172, 215, 255) }
```



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

```
.border{ border-color:rgb(172, 215, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 215, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 215, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 215, 255);  
box-shadow:4px 4px 4px 4px rgb(172, 215,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 80.3689, -8.7982, -20.4255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 215, 255) }
```

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

```
.background{ background-color: rgb(172,  
215, 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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