

# Converting Colors

HunterLab(87.2887, 33.6950,  
-36.2051)

Have a look what the booklet for  
HunterLab(87.2887, 33.6950,  
-36.2051) contains.

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# Color

**HunterLab(84.6556, 22.3977,  
-13.7036)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFCCFF
RGB	255, 204, 255
RGB Percent	100%, 80%, 100%
CMY	0.0000, 0.2000, 0.0000
CMYK	0.00, 0.20, 0.00, 0.00
HSL	300°, 100%, 90%
HSV	300°, 20%, 100%
XYZ	80.8829, 71.6657, 104.1775
YIQ	225.0630, 14.0250, 26.6730

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 204, 255
Decimal	16764159
CIE <sub>Lab</sub>	87.81, 26.37, -18.10
CIE <sub>LCh</sub>	88, 31.979, 325.537
Yxy	71.6684, 0.3151, 0.2792
Android (android.graphics.Color)	4294954239 (0xFFFFCCFF)
YUV	225.0630, 14.7589, 26.2547
Hunter-Lab	84.6556, 22.3977, -13.7036

# Details

The HunterLab color  $84.6556, 22.3977, -13.7036$  is a light color, and the websafe version is hex  $FFCCFF$ . A complement of this color would be  $94.1903, -29.2136, 21.5663$ , and the grayscale version is  $86.7345, -4.6279, 4.7124$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $61.3008, 21.5133, -13.5237$  is the 20% darker color. If you saturate the color by 10%, you get  $77.7961, 36.6552, -23.5231$ , and if you desaturate by 10%, it is  $92.0863, 8.3609, -4.0239$ .

# Distribution



- Red (100%)
- Green (80%)
- Blue (100%)



- Red (100%)
- Yellow (80%)
- Blue (100%)



- Cyan (0%)
- Magenta (20%)
- Yellow (0%)
- Black (0%)




- Cyan (0%)
- Magenta (20%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.6556, 22.3977, -13.7036 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 84.6556, 22.3977, -13.7036 by changing the saturation by 10% instead.




 84.6556, 22.3977,  
-13.7036

 84.6556, 22.3977,  
-13.7036


215.9599, 24.2649,  
-12.1440

 72.7240, 21.8605,  
-13.6287


110.2656, 23.2320,  
-13.6797

 61.4111, 21.2396,  
-13.4953


123.8910, 23.5477,  
-13.5917

 50.7545, 20.5222,  
-13.2972


138.0356, 23.8012,  
-13.4562

 40.7975, 19.6968,  
-13.0309

152.6808, 23.9969,  
-13.2755

 31.5931, 18.7497,  
-12.6945

167.8103, 24.1381,  
-13.0521

 23.2089, 17.6651,  
-12.2916

183.4089, 24.2280,

 15.7346, 16.4295,

-12.7879

-11.8446

199.4630, 24.2695,  
-12.4846

■ 9.2977, 15.0593,  
-11.4491

0.0000, INF, -NF

■ 84.6556, 22.3977,  
-13.7036

■ 84.6556, 22.3977,  
-13.7036

■ 77.7961, 36.6552,  
-23.5231

■ 92.0863, 8.3609,  
-4.0239

■ 71.5991, 50.9156,  
-33.3327

100.0000, -5.3358,  
5.4332

■ 66.1738, 64.7758,  
-42.8561

■ 61.6310, 77.6282,  
-51.6783

■ 58.0679, 88.6898,  
-59.2650

■ 55.5411, 97.1568,  
-65.0685

■ 54.0343, 102.4863,  
-68.7199

■ 53.3668, 104.9202,  
-70.3872

■ 53.3667, 104.9207,  
-70.3875

# Harmonies

## Analogous

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



84.6572, 9.1674, -26.3152



84.6556, 22.3977, -13.7036



84.6572, 28.4199, 2.2968

# Triad

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



84.6572, 22.3945, -13.7015



84.6572, -2.1121, 28.9204



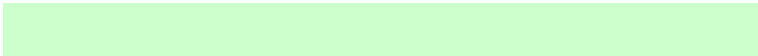
84.6572, -30.5551, -9.0185

# Complementary

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



84.6556, 22.3977, -13.7036



94.1903, -29.2136, 21.5663

# 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.



84.6572, -33.0880, 6.8560



84.6556, 22.3977, -13.7036



84.6572, -17.3926, 27.0085

# Square

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



84.6572, 22.3945, -13.7015



84.6572, 13.6188, 25.3780



84.6572, -28.4454, 19.5656



84.6572, -21.2526, -23.2782



# Rectangle

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



84.6556, 22.3977, -13.7036



84.6572, 27.2383, 12.0856



84.6572, -28.4454, 19.5656



84.6572, -32.1955, -3.6205

# Sweetspot

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



84.6572, 22.3945, -13.7015



95.1965, 2.8409, -0.2140



79.5277, 5.7036, -21.4281



43.8048, 1.7298, -0.3858

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



84.6572, 22.3945, -13.7015



81.8380, 28.0842, -17.6216



83.7459, 17.6673, -0.8292



42.7790, 3.5516, -1.6432



38.5764, 75.8426, -50.8800



12.0372, 23.6656, -15.8764



# Inverse Universe

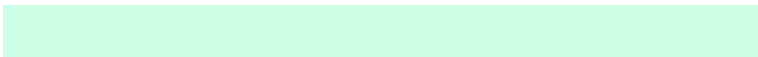
The Inverse Universe completely reimagines the original color for something new.



84.6572, 22.3945, -13.7015



81.8380, 28.0842, -17.6216



94.8912, -25.2092, 11.4827



42.7790, 3.5516, -1.6432



38.5764, 75.8426, -50.8800



12.0372, 23.6656, -15.8764



# Previews

## White Background



This preview shows how the HunterLab color 84.6556, 22.3977, -13.7036 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

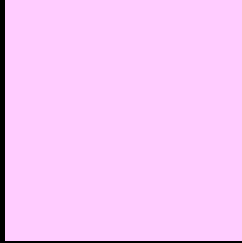
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 84.6556, 22.3977, -13.7036 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

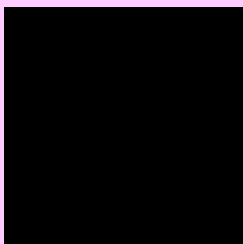
Any Text WCAG AA ✓ Pass

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 84.6556, 22.3977, -13.7036 Background



This preview shows how black text looks on a background with the HunterLab color 84.6556, 22.3977, -13.7036.



This preview shows how white text looks on a background with the HunterLab color 84.6556, 22.3977, -13.7036.

-13.7036.

# 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

84.6556, 22.3977, -13.7036

### Protanopia

84.8700, 0.4317, -13.7887

### Deuteranopia

84.7711, 6.1942, -12.6513



## Tritanopia

84.6175, 12.8983, 1.9515

# Trichromacy



## Original Color

84.6556, 22.3977, -13.7036



## Protanomaly

84.7391, 7.7778, -13.8429



## Deuteranomaly

84.7047, 12.1524, -13.2252



## Tritanomaly

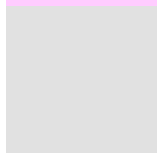
84.5195, 16.2808, -3.8387

# Monochromacy



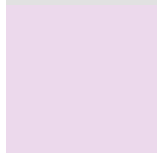
## Original Color

84.6556, 22.3977, -13.7036



## Achromatopsia

86.7722, -4.6299, 4.7145



## Achromatomaly

85.7407, 5.1464, -1.9524

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 84.6556, 22.3977, -13.7036 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(255, 204, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 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(255, 204, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 84.6556, 22.3977, -13.7036 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(255, 204, 255) }
```



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

```
.border{ border-color:rgb(255, 204, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 84.6556, 22.3977, -13.7036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 255) }
```

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

```
.background{ background-color: rgb(255,  
204, 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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