

# Converting Colors

HunterLab(90.1679, -44.0814,  
13.1878)

Have a look what the booklet for  
HunterLab(90.1679, -44.0814,  
13.1878) contains.

<b>HunterLab(90.1724, -44.0907, 13.4006)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(90.1724,  
-44.0907, 13.4006)**

# Conversions

## Conversions Part 1

Format	Color
Hex	85FFD5
RGB	133, 255, 213
RGB Percent	52%, 100%, 84%
CMY	0.4784, 0.0000, 0.1647
CMYK	0.48, 0.00, 0.16, 0.00
HSL	159°, 100%, 76%
HSV	159°, 48%, 100%
XYZ	57.4431, 81.3106, 75.6178
YIQ	213.7340, -59.2300, -38.9260

# Conversions

## Conversions Part 2

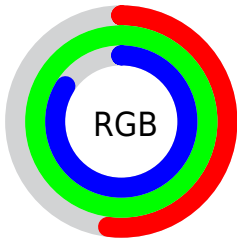
<b>Format</b>	<b>Color</b>
<b>RYB</b>	133, 207, 255
Decimal	8781781
CIELab	92.27, -43.94, 9.56
CIELCh	92, 44.970, 167.729
Yxy	81.3110, 0.2680, 0.3793
Android (android.graphics.Color)	4286971861 (0xFF85FFD5)
YUV	213.7340, -0.3619, -70.8037
Hunter-Lab	90.1724, -44.0907, 13.4006

# Details

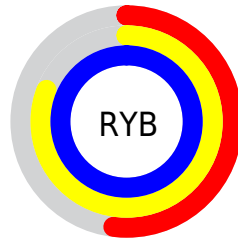
The HunterLab color **90.1724, -44.0907, 13.4006** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **64.1336, 47.4302, 2.8541**, and the grayscale version is **81.9083, -4.3704, 4.4502**.

A 20% lighter version of the original color is **94.8401, -23.7797, -1.1210**, and **66.5090, -38.4569, 11.4726** is the 20% darker color. If you saturate the color by 10%, you get **88.9086, -49.5645, 15.7278**, and if you desaturate by 10%, it is **91.7074, -37.6399, 11.2716**.

# Distribution



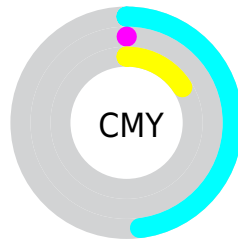
- Red (52%)
- Green (100%)
- Blue (84%)



- Red (52%)
- Yellow (81%)
- Blue (100%)



- Cyan (48%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)




- Cyan (48%)
- Magenta (0%)
- Yellow (16%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 90.1724, -44.0907, 13.4006 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 90.1724, -44.0907, 13.4006 by changing the saturation by 10% instead.





 90.1724, -44.0907,  
13.4006


 90.1724, -44.0907,  
13.4006


223.4592,  
-67.4599, 23.9285


 77.9729, -41.2121,  
12.2915


 116.2787,  
-49.6085, 15.6473

 66.3792, -38.2322,  
11.1904


 130.1381,  
-52.2750, 16.7888

 55.4250, -35.1255,  
10.0938


 144.5082,  
-54.8924, 17.9434

 45.1499, -31.8581,  
8.9970

159.3715,  
-57.4680, 19.1117

 35.6024, -28.3815,  
7.8934

174.7120,  
-60.0079, 20.2941

 26.8428, -24.6234,  
6.7721

190.5154,

 18.9496, -20.4683,

-62.5172, 21.4908

5.6147

206.7685,  
-64.9999, 22.7023

■ 12.0309, -17.8142,  
4.4259

■ 5.0129, -8.7726,  
3.5090

■ 90.1724, -44.0907,  
13.4006

■ 90.1724, -44.0907,  
13.4006

■ 88.9086, -49.5645,  
15.7278

■ 91.7074, -37.6399,  
11.2716

■ 87.9058, -54.0508,  
18.2198

■ 93.5176, -30.2553,  
9.3711

■ 87.1487, -57.5686,  
20.8350

■ 95.6038, -21.9971,  
7.7198

■ 86.6148, -60.1776,  
23.5266

■ 97.9629, -12.9410,  
6.3320

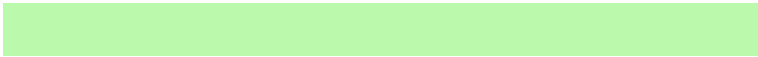
■ 86.2695, -61.9991, 100.0000, -5.3358,  
26.2391 5.4332

■ 86.2079, -62.3364,  
26.8140

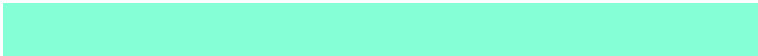
# Harmonies

## Analogous

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



90.1726, -35.2636, 28.8688



90.1724, -44.0907, 13.4006



90.1726, -43.1931, -8.8653

# Triad

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



90.1726, -44.0898, 13.4000



90.1726, 9.0499, -45.0624



90.1726, 26.9014, 30.8195

# Complementary

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



90.1724, -44.0907, 13.4006



64.1336, 47.4302, 2.8541

# 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.



90.1726, 41.2935, 16.8024



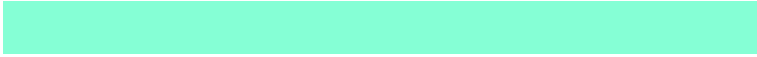
90.1724, -44.0907, 13.4006



90.1726, 30.2980, -28.2230

# Square

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



90.1726, -44.0898, 13.4000



90.1726, -14.0247, -46.6371



90.1726, 42.5954, -4.4989

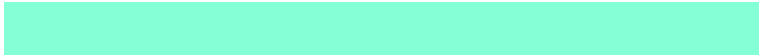


90.1726, 4.7773, 37.0998



# Rectangle

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



90.1724, -44.0907, 13.4006



90.1726, -37.1967, -24.8170



90.1726, 42.5954, -4.4989



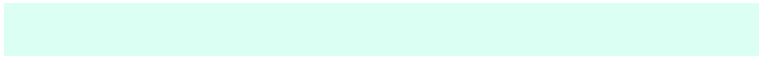
90.1726, 32.8959, 27.0437

# Sweetspot

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



90.1726, -44.0898, 13.4000



96.4781, -18.6079, 7.1549



90.7794, -45.1503, 40.6536



44.4057, -9.4961, 3.4547

0.0000, NaN, NaN

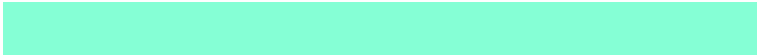


46.2646, -2.4686, 2.5136



# Same Dimension

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



90.1726, -44.0898, 13.4000



89.0048, -49.1418, 15.5249



85.2068, -27.7730, -13.8137



45.1320, -6.7077, 3.0276



62.3393, -44.9163, 19.0426



19.5049, -13.6915, 5.1765



# Inverse Universe

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



64.1336, 47.4302, 2.8541



59.0454, 57.1851, 4.1329



67.2194, 32.6382, 22.4178



42.5327, 2.2322, 1.8574



33.9120, 59.2297, 12.9654

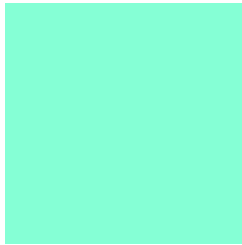


10.6740, 18.8203, 2.7056



# Previews

## White Background



This preview shows how the HunterLab color 90.1724, -44.0907, 13.4006 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

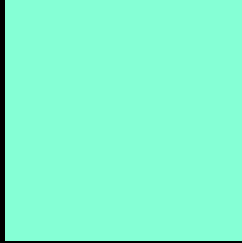
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 90.1724, -44.0907, 13.4006 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

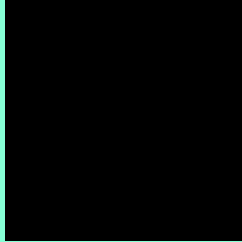
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

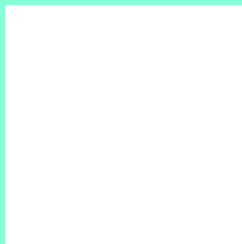
Any Text WCAG AAA ✓ Pass

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

## HunterLab 90.1724, -44.0907, 13.4006 Background



This preview shows how black text looks on a background with the HunterLab color 90.1724, -44.0907, 13.4006.



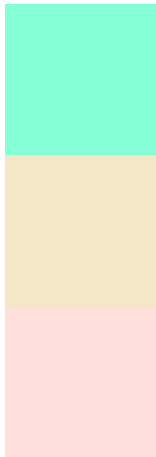
This preview shows how white text looks on a background with the HunterLab color 90.1724, -44.0907, 13.4006.

-44.0907, 13.4006.

# 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

90.1724, -44.0907, 13.4006

### Protanopia

89.6530, -5.6490, 19.0076

### Deuteranopia

89.3262, 5.4345, 9.7329



## Tritanopia

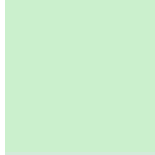
89.9525, -19.3651, -7.2690

# Trichromacy



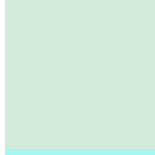
## Original Color

90.1724, -44.0907, 13.4006



## Protanomaly

89.1204, -22.1501, 16.1028



## Deuteranomaly

88.5028, -15.2567, 9.8322



## Tritanomaly

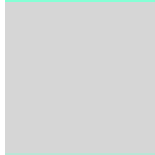
89.8956, -29.2317, 0.5100

# Monochromacy



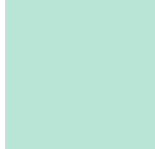
## Original Color

90.1724, -44.0907, 13.4006



## Achromatopsia

82.0026, -4.3755, 4.4554



## Achromatomaly

84.3848, -20.4069, 6.9411

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 90.1724, -44.0907, 13.4006 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, 255, 213)` looks like.

```
.text, #text, p{  
    color:rgb(133, 255, 213)  
}
```

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, 255, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 255, 213) }
```

## Border

The CSS property to change the border of an element to HunterLab 90.1724, -44.0907, 13.4006 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, 255, 213) }
```



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

```
.border{ border-color:rgb(133, 255, 213) }
```

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

Here you see how a box with a 4 pixel rgb(133, 255, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 255, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 255, 213);  
box-shadow:4px 4px 4px 4px rgb(133, 255,  
213) }
```

# Background

The CSS property to change the background color of an element to HunterLab 90.1724, -44.0907, 13.4006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 255, 213) }
```

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

```
.background{ background-color: rgb(133,  
255, 213) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor