

# Converting Colors

HunterLab(87.8118, -47.3460,  
24.8874)

Have a look what the booklet for  
HunterLab(87.8118, -47.3460,  
24.8874) contains.

<b>HunterLab(87.9074, -47.5092, 24.9285)</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(87.9074,  
-47.5092, 24.9285)**

# Conversions

## Conversions Part 1

Format	Color
Hex	86FBB2
RGB	134, 251, 178
RGB Percent	53%, 98%, 70%
CMY	0.4745, 0.0157, 0.3020
CMYK	0.47, 0.00, 0.29, 0.02
HSL	143°, 94%, 75%
HSV	143°, 47%, 98%
XYZ	52.3646, 77.2771, 54.2756
YIQ	207.6950, -46.2990, -47.5070

# Conversions

## Conversions Part 2

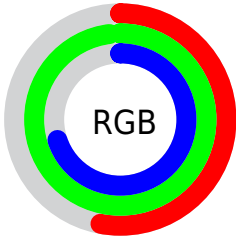
Format	Color
<b>RYB</b>	134, 219, 251
Decimal	8846258
CIELab	90.45, -48.94, 24.95
CIELCh	90, 54.936, 152.983
Yxy	77.2803, 0.2847, 0.4202
Android (android.graphics.Color)	4287036338 (0xFF86FBB2)
YUV	207.6950, -14.6396, -64.6305
Hunter-Lab	87.9074, -47.5092, 24.9285

# Details

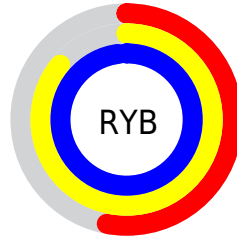
The HunterLab color **87.9074, -47.5092, 24.9285** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **64.8584, 50.4538, -13.1173**, and the grayscale version is **79.3660, -4.2348, 4.3121**.

A 20% lighter version of the original color is **94.1631, -27.6364, 8.5258**, and **64.4671, -41.1177, 21.1606** is the 20% darker color. If you saturate the color by 10%, you get **86.5235, -53.7417, 28.8420**, and if you desaturate by 10%, it is **89.5872, -40.1842, 20.8525**.

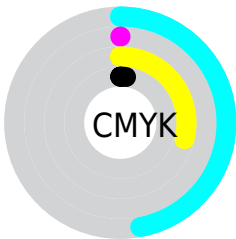
# Distribution



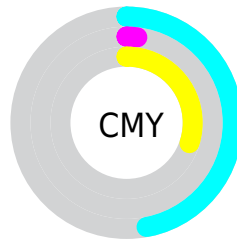
- Red (53%)
- Green (98%)
- Blue (70%)



- Red (53%)
- Yellow (86%)
- Blue (98%)



- Cyan (47%)
- Magenta (0%)
- Yellow (29%)
- Black (2%)




- Cyan (47%)
- Magenta (2%)
- Yellow (30%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.9074, -47.5092, 24.9285 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 87.9074, -47.5092, 24.9285 by changing the saturation by 10% instead.





 87.9074, -47.5092,  
24.9285


 87.9074, -47.5092,  
24.9285


220.3904,  
-72.9290, 41.1839


 75.8175, -44.3392,  
23.0206


 113.8135,  
-53.5631, 28.6476

 64.3375, -41.0432,  
21.0657


 127.5779,  
-56.4752, 30.4714

 53.5036, -37.5927,  
19.0504


 141.8565,  
-59.3264, 32.2788

 43.3571, -33.9464,  
16.9553

156.6312,  
-62.1255, 34.0735

 33.9480, -30.0454,  
14.7526

171.8860,  
-64.8798, 35.8590

 25.3395, -25.8008,  
12.4010

187.6062,

 17.6144, -21.0716,

-67.5952, 37.6378

9.9051

203.7784,  
-70.2768, 39.4121

■ 10.8884, -19.0546,  
7.6219

■ 2.2331, -3.9080,  
1.5632

■ 87.9074, -47.5092,  
24.9285

■ 87.9074, -47.5092,  
24.9285

■ 86.5235, -53.7417,  
28.8420

■ 89.5872, -40.1842,  
20.8525

■ 85.4222, -58.8444,  
32.5385

■ 91.5600, -31.8266,  
16.6636

■ 84.5915, -62.8221,  
35.9702

■ 93.8256, -22.5223,  
12.4129

■ 84.0099, -65.7237,  
39.0926

■ 96.3784, -12.3700,  
8.1467

■ 83.6459, -67.6559,  
41.8663

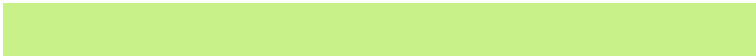
■ 98.7306, -3.2133,  
3.9670

■ 83.5539, -68.1642,  
42.7119

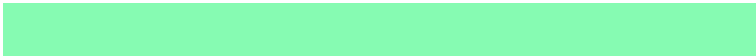
# Harmonies

## Analogous

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



87.9092, -31.9990, 37.6977



87.9074, -47.5092, 24.9285



87.9092, -52.0518, 2.0918

# Triad

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



87.9092, -47.5104, 24.9293



87.9092, -1.8903, -62.8339



87.9092, 44.9057, 28.2523

# Complementary

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



87.9074, -47.5092, 24.9285



64.8584, 50.4538, -13.1173

# 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.



87.9092, 55.4542, 7.3959



87.9074, -47.5092, 24.9285



87.9092, 26.4100, -49.5932

# Square

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



87.9092, -47.5104, 24.9293



87.9092, -27.7307, -53.7957



87.9092, 48.3005, -21.6541

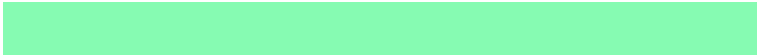


87.9092, 20.9870, 39.1543



# Rectangle

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



87.9074, -47.5092, 24.9285



87.9092, -48.7773, -17.5286



87.9092, 48.3005, -21.6541



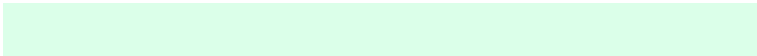
87.9092, 50.2587, 22.4480

# Sweetspot

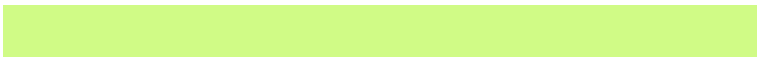
The Sweet Spot groups the original color and five complimentary colors.



87.9092, -47.5104, 24.9293



96.1739, -20.3196, 11.5073



91.7298, -34.3460, 41.3436



44.2448, -10.4051, 5.7579

0.0000, NaN, NaN

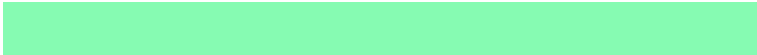


46.2646, -2.4686, 2.5136



# Same Dimension

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



87.9092, -47.5104, 24.9293



88.1632, -54.3861, 29.1439



89.4916, -38.1620, 2.2007



44.0650, -7.0854, 4.3202



60.5976, -49.2851, 30.6507



18.4954, -14.6646, 8.5390



# Inverse Universe

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



64.8584, 50.4538, -13.1173



60.9292, 62.2204, -15.3174



63.0477, 41.9387, 12.6070



41.7222, 2.7125, 0.3914



34.7595, 63.2717, -6.5694

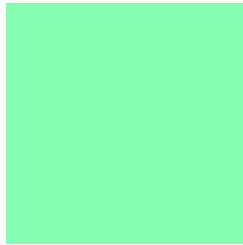


10.6752, 19.6037, -3.3504



# Previews

## White Background



This preview shows how the HunterLab color 87.9074, -47.5092, 24.9285 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

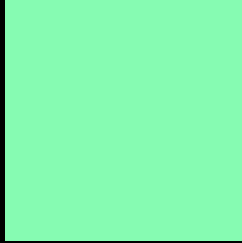
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.9074, -47.5092, 24.9285 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

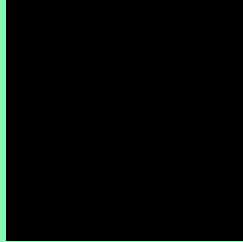
Any Text WCAG AA ✓ Pass

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 87.9074, -47.5092, 24.9285 Background



This preview shows how black text looks on a background with the HunterLab color 87.9074, -47.5092, 24.9285.



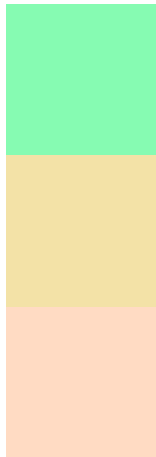
This preview shows how white text looks on a background with the HunterLab color 87.9074,

-47.5092, 24.9285.

# 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

87.9074, -47.5092, 24.9285

### Protanopia

87.3140, -7.3781, 28.8481

### Deuteranopia

87.0995, 4.1934, 18.5985



## Tritanopia

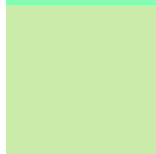
87.5751, -21.2327, -10.4596

# Trichromacy



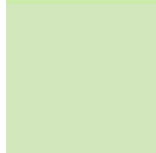
## Original Color

87.9074, -47.5092, 24.9285



## Protanomaly

86.6334, -24.5069, 26.5863



## Deuteranomaly

86.4146, -17.7343, 19.9056



## Tritanomaly

87.5872, -31.7616, 4.2205

# Monochromacy



## Original Color

87.9074, -47.5092, 24.9285



## Achromatopsia

79.4202, -4.2377, 4.3151



## Achromatomaly

81.9550, -21.9099, 11.9019

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.9074, -47.5092, 24.9285 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, 251, 178)` looks like.

```
.text, #text, p{  
    color:rgb(134, 251, 178)  
}
```

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, 251, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 251, 178) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.9074, -47.5092, 24.9285 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, 251, 178) }
```



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

```
.border{ border-color:rgb(134, 251, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 251, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 251, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 251, 178);  
box-shadow:4px 4px 4px 4px rgb(134, 251,  
178) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.9074, -47.5092, 24.9285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 251, 178) }
```

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

```
.background{ background-color: rgb(134,  
251, 178) }
```

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