

# Converting Colors

HunterLab(87.0931, -57.7340,  
20.2969)

Have a look what the booklet for  
HunterLab(87.0931, -57.7340,  
20.2969) contains.

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# Color

**HunterLab(87.0946,  
-57.7240, 20.2685)**

# Conversions

## Conversions Part 1

Format	Color
Hex	33FFBC
RGB	51, 255, 188
RGB Percent	20%, 100%, 74%
CMY	0.8000, 0.0000, 0.2627
CMYK	0.80, 0.00, 0.26, 0.00
HSL	160°, 100%, 60%
HSV	160°, 80%, 100%
XYZ	46.2024, 75.8547, 59.7833
YIQ	186.3660, -100.0770, -64.0850

# Conversions

## Conversions Part 2

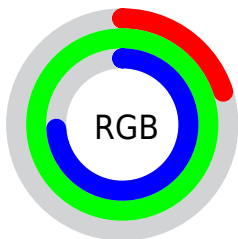
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 173, 255
Decimal	3407804
CIELab	89.79, -62.86, 18.63
CIELCh	90, 65.562, 163.493
Yxy	75.8550, 0.2541, 0.4171
Android (android.graphics.Color)	4281597884 (0xFF33FFBC)
YUV	186.3660, 0.8056, -118.7160
Hunter-Lab	87.0946, -57.7240, 20.2685

# Details

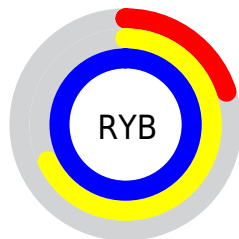
The HunterLab color **87.0946, -57.7240, 20.2685** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed spring green. A complement of this color would be **49.9366, 75.9480, 11.7479**, and the grayscale version is **70.2550, -3.7486, 3.8171**.

A 20% lighter version of the original color is **90.9931, -38.9963, -0.3812**, and **64.5614, -45.6886, 17.9325** is the 20% darker color. If you saturate the color by 10%, you get **86.6102, -60.1153, 22.8931**, and if you desaturate by 10%, it is **87.7953, -54.4492, 17.7252**.

# Distribution



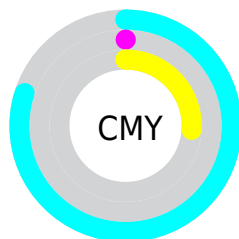
- Red (20%)
- Green (100%)
- Blue (74%)



- Red (20%)
- Yellow (68%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)




- Cyan (80%)
- Magenta (0%)
- Yellow (26%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.0946, -57.7240, 20.2685 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 87.0946, -57.7240, 20.2685 by changing the saturation by 10% instead.





 87.0946, -57.7240,  
20.2685


 87.0946, -57.7240,  
20.2685


219.2832,  
-88.8059, 34.1018

 75.0424, -53.7529,  
18.6975


 112.9256,  
-65.2391, 23.3639

 63.6038, -49.6023,  
17.1034


 126.6555,  
-68.8279, 24.8992

 52.8138, -45.2298,  
15.4758


 140.9008,  
-72.3253, 26.4305

 42.7142, -40.5789,  
13.8011

 155.6434,  
-75.7436, 27.9604

 33.3557, -35.5695,  
12.0594

170.8670,  
-79.0930, 29.4910

 24.8026, -30.0839,  
10.2198

186.5570,

 17.1392, -24.2858,

-82.3819, 31.0238

8.2325

202.6999,  
-85.6175, 32.5604

■ 10.4843, -18.3475,  
7.3390

0.0000, NaN, NaN

■ 87.0946, -57.7240,  
20.2685

■ 87.0946, -57.7240,  
20.2685

■ 86.6102, -60.1153,  
22.8931

■ 87.7953, -54.4492,  
17.7252


■ 86.2960, -61.7951,  
25.5358


■ 88.7362, -50.2233,  
15.3128


■ 86.2959, -61.7957,  
25.5367

■ 89.9343, -45.0168,  
13.0721

■ 91.4005, -38.8354,  
11.0383

 93.1406, -31.7130,  
9.2398

 95.1560, -23.7053,  
7.6978

 97.4445, -14.8845,  
6.4264

100.0000, -5.3358,  
5.4332

# Harmonies

## Analogous

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



87.0948, -44.3207, 38.2523



87.0946, -57.7240, 20.2685



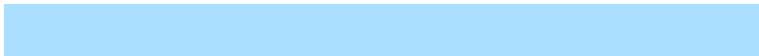
87.0948, -58.3664, -10.6255

# Triad

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



87.0948, -57.7231, 20.2678



87.0948, 10.7239, -77.2214



87.0948, 46.5751, 36.9978

# Complementary

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



87.0946, -57.7240, 20.2685



49.9366, 75.9480, 11.7479

# 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.



87.0948, 66.3920, 17.7342



87.0946, -57.7240, 20.2685



87.0948, 43.6989, -51.7087

# Square

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



87.0948, -57.7231, 20.2678



87.0948, -22.0309, -75.7239



87.0948, 65.2669, -14.3047



87.0948, 14.2068, 45.1392



# Rectangle

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



87.0946, -57.7240, 20.2685



87.0948, -51.6851, -35.7918



87.0948, 65.2669, -14.3047



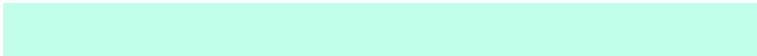
87.0948, 55.1274, 32.0007

# Sweetspot

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



87.0948, -57.7231, 20.2678



94.3161, -27.0132, 8.2833



86.9951, -62.0295, 50.3848



43.3063, -13.8069, 4.0899

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.0948, -57.7231, 20.2678



86.4090, -61.1773, 24.4866



77.2255, -30.5010, -25.5832



45.1376, -6.6765, 2.9475



62.4026, -44.5281, 18.1256



19.5236, -13.5773, 4.9067



# Inverse Universe

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



49.9366, 75.9480, 11.7479



47.1486, 81.1238, 18.1399



52.9125, 59.5034, 30.1355



42.5270, 2.2015, 1.9387



33.8609, 59.0415, 13.7122

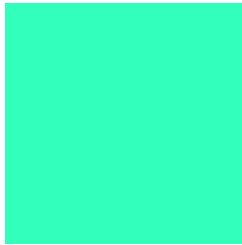


10.6562, 18.7549, 2.9640



# Previews

## White Background



This preview shows how the HunterLab color 87.0946, -57.7240, 20.2685 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

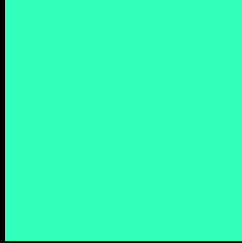
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.0946, -57.7240, 20.2685 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

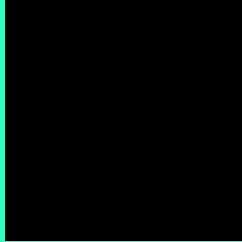
Any Text WCAG AA ✓ Pass

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 87.0946, -57.7240, 20.2685 Background



This preview shows how black text looks on a background with the HunterLab color 87.0946, -57.7240, 20.2685.



This preview shows how white text looks on a background with the HunterLab color 87.0946, -57.7240, 20.2685.

-57.7240, 20.2685.

# 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

87.0946, -57.7240, 20.2685

### Protanopia

86.1064, -6.5555, 25.7210

### Deuteranopia

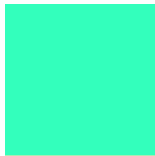
85.9605, 6.5935, 16.6498



## Tritanopia

86.7704, -27.6672, -11.6621

# Trichromacy



## Original Color

87.0946, -57.7240, 20.2685



## Protanomaly

84.4328, -32.4565, 21.8819



## Deuteranomaly

83.8525, -25.2112, 15.1398



## Tritanomaly

86.2123, -40.3437, 0.4247

# Monochromacy



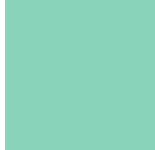
## Original Color

87.0946, -57.7240, 20.2685



## Achromatopsia

70.0729, -3.7389, 3.8072



## Achromatomaly

74.4948, -28.3372, 7.9893

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.0946, -57.7240, 20.2685 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(51, 255, 188)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 188)  
}
```

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(51, 255, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 188) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.0946, -57.7240, 20.2685 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(51, 255, 188) }
```



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

```
.border{ border-color:rgb(51, 255, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 255, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 188);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
188) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.0946, -57.7240, 20.2685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 255, 188) }
```

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

```
.background{ background-color: rgb(51, 255,  
188) }
```

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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