

# Converting Colors

HunterLab(87.6510, -46.0853,  
-0.4154)

Have a look what the booklet for  
HunterLab(87.6510, -46.0853,  
-0.4154) contains.

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# Color

**HunterLab(87.4908,  
-45.9177, -0.6704)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4BFBECE
RGB	75, 251, 236
RGB Percent	29%, 98%, 93%
CMY	0.7058, 0.0157, 0.0745
CMYK	0.70, 0.00, 0.06, 0.02
HSL	175°, 96%, 64%
HSV	175°, 70%, 98%
XYZ	52.5392, 76.5464, 91.3628
YIQ	196.6660, -100.0810, -41.9770

# Conversions

## Conversions Part 2

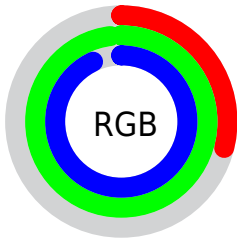
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">75, 167, 251</a>
Decimal	<a href="#">4979692</a>
CIELab	<a href="#">90.11, -47.03, -5.69</a>
CIELCh	<a href="#">90, 47.376, 186.893</a>
Yxy	<a href="#">76.5493, 0.2383, 0.3472</a>
Android (android.graphics.Color)	<a href="#">4283169772 (0xFF4BFBE C)</a>
YUV	<a href="#">196.6660, 19.3917, -106.7011</a>
Hunter-Lab	<a href="#">87.4908, -45.9177, -0.6704</a>

# Details

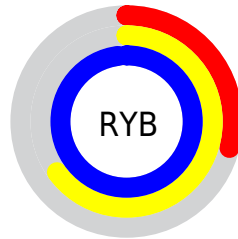
The HunterLab color **87.4908, -45.9177, -0.6704** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **51.2658, 64.0010, 21.5203**, and the grayscale version is **74.5333, -3.9769, 4.0495**.

A 20% lighter version of the original color is **92.1146, -33.9565, -4.7286**, and **64.7139, -37.3134, -0.3378** is the 20% darker color. If you saturate the color by 10%, you get **86.9513, -48.2055, -0.2728**, and if you desaturate by 10%, it is **88.2575, -42.7695, -0.7781**.

# Distribution



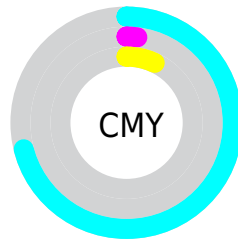
- Red (29%)
- Green (98%)
- Blue (93%)



- Red (29%)
- Yellow (65%)
- Blue (98%)



- Cyan (70%)
- Magenta (0%)
- Yellow (6%)
- Black (2%)




- Cyan (71%)
- Magenta (2%)
- Yellow (7%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.4908, -45.9177, -0.6704 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 87.4908, -45.9177, -0.6704 by changing the saturation by 10% instead.





 87.4908, -45.9177,  
-0.6704


 87.4908, -45.9177,  
-0.6704


219.8240,  
-70.5948, 4.6851


 75.4209, -42.8492,  
-1.0807


 113.3592,  
-51.7816, 0.2778


 63.9620, -39.6618,  
-1.4466


 127.1060,  
-54.6055, 0.8085

 53.1506, -36.3274,  
-1.7631


 141.3676,  
-57.3722, 1.3747

 43.0280, -32.8062,  
-2.0256

 156.1259,  
-60.0900, 1.9747

 33.6447, -29.0412,  
-2.2278

171.3648,  
-62.7659, 2.6070

 25.0645, -24.9463,  
-2.3616

187.0695,

 17.3709, -20.3834,

-65.4055, 3.2703

-2.4158

203.2267,  
-68.0138, 3.9633

■ 10.6811, -18.6920,  
-2.3749

■ 1.1223, -1.9640,  
-20.9404

■ 87.4908, -45.9177,  
-0.6704

■ 87.4908, -45.9177,  
-0.6704

■ 86.9513, -48.2055,  
-0.2728

■ 88.2575, -42.7695,  
-0.7781


■ 86.6092, -49.7108,  
0.3764


■ 89.2640, -38.7173,  
-0.5754


■ 86.4222, -50.5975,  
1.2052


■ 90.5243, -33.7502,  
-0.0471


■ 92.0457, -27.8836,  
0.8119

 93.8316, -21.1548,  
1.9991

 95.8814, -13.6184,  
3.5047

 98.1919, -5.3410,  
5.3138

 98.6693, -3.5464,  
4.8375

 98.7304, -3.2129,  
3.9667

# Harmonies

## Analogous

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



87.4925, -43.1851, 20.2916



87.4908, -45.9177, -0.6704



87.4925, -38.5910, -25.8860

# Triad

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



87.4925, -45.9181, -0.6693



87.4925, 24.7752, -38.0985



87.4925, 14.1746, 36.2715

# Complementary

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



87.4908, -45.9177, -0.6704



51.2658, 64.0010, 21.5203

# 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.



87.4925, 35.3566, 27.2211



87.4908, -45.9177, -0.6704



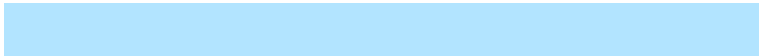
87.4925, 41.9227, -14.2665

# Square

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



87.4925, -45.9181, -0.6693



87.4925, 0.9322, -50.9570



87.4925, 45.9898, 9.8668



87.4925, -10.1406, 38.0846



# Rectangle

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



87.4908, -45.9177, -0.6704



87.4925, -28.4685, -40.5415



87.4925, 45.9898, 9.8668



87.4925, 21.9731, 34.1213

# Sweetspot

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



87.4925, -45.9181, -0.6693



95.3569, -22.1902, 1.9129



84.7418, -63.5294, 46.4468



43.8747, -11.1717, 0.7190

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.4925, -45.9181, -0.6693



88.3666, -49.7741, -0.0448



64.3035, -10.4903, -44.7143



44.2511, -6.0482, 1.6631



62.6646, -36.6311, 0.7508



19.0899, -11.0331, -0.0435



# Inverse Universe

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



51.2658, 64.0010, 21.5203



48.1128, 74.6547, 25.8451



64.3379, 29.5786, 34.0266



41.5322, 1.6919, 3.0992



32.8910, 56.4413, 20.3657

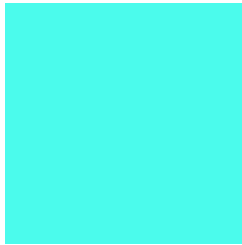


10.0493, 17.3236, 5.6118



# Previews

## White Background



This preview shows how the HunterLab color 87.4908, -45.9177, -0.6704 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

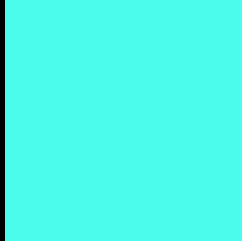
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.4908, -45.9177, -0.6704 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

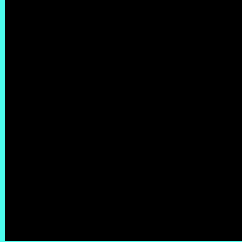
Any Text WCAG AA ✓ Pass

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 87.4908, -45.9177, -0.6704 Background



This preview shows how black text looks on a background with the HunterLab color 87.4908, -45.9177, -0.6704.



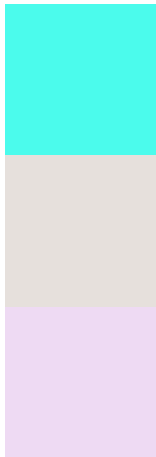
This preview shows how white text looks on a background with the HunterLab color 87.4908,

-45.9177, -0.6704.

# 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

87.4908, -45.9177, -0.6704

### Protanopia

86.7765, -3.3284, 7.1501

### Deuteranopia

86.4818, 6.5727, -4.7282



## Tritanopia

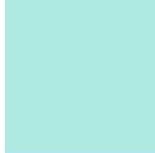
87.0306, -26.6945, -11.2915

# Trichromacy



## Original Color

87.4908, -45.9177, -0.6704



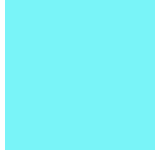
## Protanomaly

85.6360, -23.5360, 2.5409



## Deuteranomaly

85.1285, -17.6810, -5.2699



## Tritanomaly

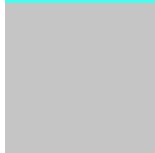
86.9158, -34.6733, -7.6299

# Monochromacy



## Original Color

87.4908, -45.9177, -0.6704



## Achromatopsia

74.7222, -3.9870, 4.0598



## Achromatomaly

78.1672, -23.2821, 1.0137

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.4908, -45.9177, -0.6704 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(75, 251, 236)` looks like.

```
.text, #text, p{  
    color:rgb(75, 251, 236)  
}
```

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(75, 251, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 251, 236) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.4908, -45.9177, -0.6704 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(75, 251, 236) }
```



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

```
.border{ border-color:rgb(75, 251, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 251, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 251, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 251, 236);  
box-shadow:4px 4px 4px 4px rgb(75, 251,  
236) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.4908, -45.9177, -0.6704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 251, 236) }
```

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

```
.background{ background-color: rgb(75, 251,  
236) }
```

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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