

# Converting Colors

HunterLab(87.5850, -53.9443,  
6.9766)

Have a look what the booklet for  
HunterLab(87.5850, -53.9443,  
6.9766) contains.

<b>HunterLab(87.5713, -54.0269, 7.1721)</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(87.5713,  
-54.0269, 7.1721)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00FFDC
RGB	0, 255, 220
RGB Percent	0%, 100%, 86%
CMY	0.9998, 0.0000, 0.1372
CMYK	1.00, 0.00, 0.14, 0.00
HSL	172°, 100%, 50%
HSV	172°, 100%, 100%
XYZ	48.6783, 76.6873, 79.9467
YIQ	174.7650, -140.7450, -64.9450

# Conversions

## Conversions Part 2

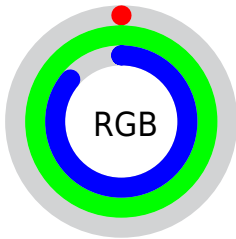
Format	Color
<a href="#">RYB</a>	<a href="#">0, 137, 255</a>
Decimal	<a href="#">65500</a>
CIELab	<a href="#">90.18, -57.62, 2.63</a>
CIELCh	<a href="#">90, 57.681, 177.383</a>
Yxy	<a href="#">76.6878, 0.2371, 0.3735</a>
Android (android.graphics.Color)	<a href="#">4278255580 (0xFF00FFDC)</a>
YUV	<a href="#">174.7650, 22.3009, -153.2689</a>
Hunter-Lab	<a href="#">87.5713, -54.0269, 7.1721</a>

# Details

The HunterLab color **87.5713, -54.0269, 7.1721** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **46.2416, 79.4466, 27.8406**, and the grayscale version is **65.3360, -3.4862, 3.5498**.

A 20% lighter version of the original color is **90.8799, -38.6755, -6.3994**, and **65.3063, -41.1497, 7.2031** is the 20% darker color. If you saturate the color by 10%, you get **87.5711, -54.0279, 7.1745**, and if you desaturate by 10%, it is **87.8002, -52.8896, 5.7929**.

# Distribution



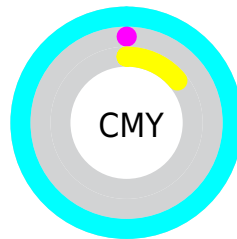
- Red (0%)
- Green (100%)
- Blue (86%)



- Red (0%)
- Yellow (54%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)




- Cyan (100%)
- Magenta (0%)
- Yellow (14%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.5713, -54.0269, 7.1721 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 87.5713, -54.0269, 7.1721 by changing the saturation by 10% instead.





 87.5713, -54.0269,  
7.1721


 87.5713, -54.0269,  
7.1721


219.9315,  
-82.9459, 15.2619


 75.4961, -50.3620,  
6.3947


 113.4454,  
-60.9815, 8.8026


 64.0332, -46.5397,  
5.6447


 127.1956,  
-64.3116, 9.6556


 53.2176, -42.5218,  
4.9221


 141.4604,  
-67.5622, 10.5328

 43.0904, -38.2580,  
4.2275

 156.2218,  
-70.7442, 11.4336

 33.7023, -33.6762,  
3.5613

 171.4637,  
-73.8666, 12.3574

 25.1166, -28.6698,  
2.9234

187.1714,

 17.4171, -23.1364,

-76.9369, 13.3037

2.3129

203.3314,  
-79.9616, 14.2720

■ 10.7204, -18.7607,  
1.7256

■ 1.4026, -2.4546,  
0.9818

■ 87.5713, -54.0269,  
7.1721

■ 87.5713, -54.0269,  
7.1721

■ 87.5711, -54.0279,  
7.1745

■ 87.8002, -52.8896,  
5.7929

■ 88.1881, -51.1140,  
4.5857

■ 88.7811, -48.5284,  
3.6138

■ 89.6040, -45.0549,  
2.9155

■ 90.6746, -40.6538,  
2.5192

■ 92.0048, -35.3174,  
2.4437

■ 93.6020, -29.0656,  
2.6990

■ 95.4688, -21.9402,  
3.2873

■ 97.6046, -14.0001,  
4.2034

# Harmonies

## Analogous

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



87.5716, -47.1486, 28.9559



87.5713, -54.0269, 7.1721



87.5716, -49.1845, -23.5458

# Triad

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



87.5716, -54.0257, 7.1715



87.5716, 22.6870, -57.1978



87.5716, 27.7060, 38.8888

# Complementary

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



87.5713, -54.0269, 7.1721



46.2416, 79.4466, 27.8406

# 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.



87.5716, 50.9945, 25.9555



87.5713, -54.0269, 7.1721



87.5716, 47.8401, -29.2064

# Square

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



87.5716, -54.0257, 7.1715



87.5716, -7.2272, -67.1815



87.5716, 58.8018, 2.2918



87.5716, -2.0979, 43.1098



# Rectangle

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



87.5713, -54.0269, 7.1721



87.5716, -39.5598, -44.3818



87.5716, 58.8018, 2.2918



87.5716, 36.6970, 35.6785

# Sweetspot

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



87.5716, -54.0257, 7.1715



93.5982, -29.0802, 2.6981



84.8162, -71.4636, 51.0111



42.9762, -14.7235, 1.1798

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.5716, -54.0257, 7.1715



87.5711, -54.0279, 7.1745



58.6592, -6.3578, -59.5909



45.2062, -6.2943, 1.9685



63.3145, -38.9753, 4.9990



19.7850, -11.9888, 1.1507



# Inverse Universe

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



46.2416, 79.4466, 27.8406



46.2400, 79.4499, 27.8444



53.3410, 56.6941, 33.8592



42.4590, 1.8359, 2.9087



33.4433, 57.4991, 19.8551

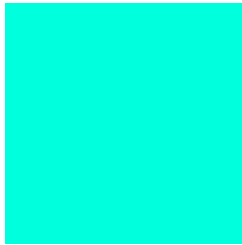


10.4919, 18.1505, 5.3627



# Previews

## White Background



This preview shows how the HunterLab color 87.5713, -54.0269, 7.1721 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

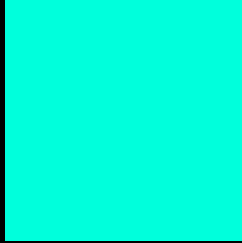
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.5713, -54.0269, 7.1721 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

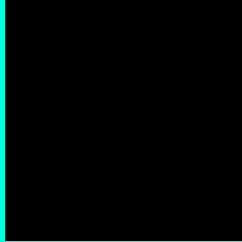
Any Text WCAG AA ✓ Pass

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 87.5713, -54.0269, 7.1721 Background



This preview shows how black text looks on a background with the HunterLab color 87.5713, -54.0269, 7.1721.



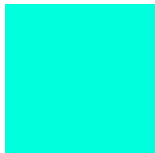
This preview shows how white text looks on a background with the HunterLab color 87.5713,

-54.0269, 7.1721.

# Color Blindness Simulation

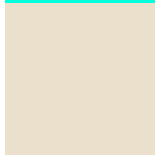
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



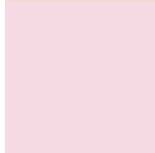
### Original Color

87.5713, -54.0269, 7.1721



### Protanopia

86.6692, -4.6872, 14.6718



### Deuteranopia

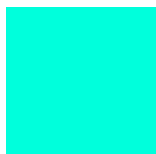
86.6930, 6.2761, 3.3317



## Tritanopia

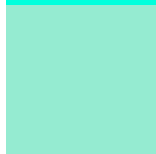
87.2642, -27.5630, -10.9902

# Trichromacy



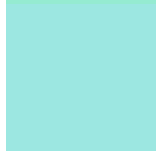
## Original Color

87.5713, -54.0269, 7.1721



## Protanomaly

83.9105, -32.7976, 8.5086



## Deuteranomaly

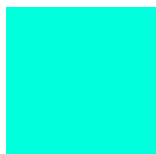
83.4602, -26.5490, 0.3583



## Tritanomaly

86.3699, -40.7935, -5.1596

# Monochromacy



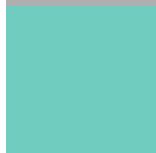
## Original Color

87.5713, -54.0269, 7.1721



## Achromatopsia

65.4745, -3.4936, 3.5574



## Achromatomaly

70.9414, -29.6596, 1.9997

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.5713, -54.0269, 7.1721 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(0, 255, 220)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 220)  
}
```

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(0, 255, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 220) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.5713, -54.0269, 7.1721 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(0, 255, 220) }
```



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

```
.border{ border-color:rgb(0, 255, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 255, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 220);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
220) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.5713, -54.0269, 7.1721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 255, 220) }
```

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

```
.background{ background-color: rgb(0, 255,  
220) }
```

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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