

Converting Colors

HunterLab(87.7115, -53.1804,
5.1694)

Have a look what the booklet for
HunterLab(87.7115, -53.1804,
5.1694) contains.

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Color

**HunterLab(87.7247,
-53.1009, 4.9813)**

Conversions

Conversions Part 1

Format	Color
Hex	00FFE1
RGB	0, 255, 225
RGB Percent	0%, 100%, 88%
CMY	0.9998, 0.0000, 0.1176
CMYK	1.00, 0.00, 0.12, 0.00
HSL	173°, 100%, 50%
HSV	173°, 100%, 100%
XYZ	49.3506, 76.9562, 83.4871
YIQ	175.3350, -142.3500, -63.3900

Conversions

Conversions Part 2

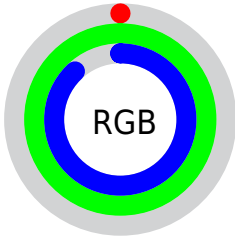
Format	Color
RYB	0, 135, 255
Decimal	65505
CIELab	90.30, -56.32, 0.22
CIELCh	90, 56.322, 179.774
Yxy	76.9567, 0.2352, 0.3668
Android (android.graphics.Color)	4278255585 (0xFF00FFE1)
YUV	175.3350, 24.4848, -153.7688
Hunter-Lab	87.7247, -53.1009, 4.9813

Details

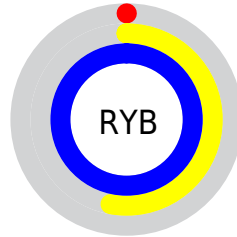
The HunterLab color **87.7247, -53.1009, 4.9813** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **46.2117, 79.3357, 28.2838**, and the grayscale version is **65.5647, -3.4984, 3.5623**.

A 20% lighter version of the original color is **90.8799, -38.6755, -6.3994**, and **65.4483, -40.2909, 5.1718** is the 20% darker color. If you saturate the color by 10%, you get **87.7246, -53.1018, 4.9834**, and if you desaturate by 10%, it is **87.9405, -52.0442, 3.7904**.

Distribution



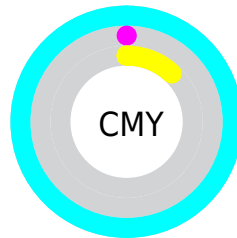
- Red (0%)
- Green (100%)
- Blue (88%)



- Red (0%)
- Yellow (53%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)





- Cyan (100%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.7247, -53.1009, 4.9813 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 87.7247, -53.1009, 4.9813 by changing the saturation by 10% instead.


 87.7247, -53.1009,
4.9813

 87.7247, -53.1009,
4.9813


220.1400,
-81.4864, 12.2624


 75.6421, -49.5116,
4.3131


 113.6127,
-59.9172, 6.4084


 64.1715, -45.7702,
3.6782


 127.3693,
-63.1835, 7.1659


 53.3475, -41.8400,
3.0780


 141.6404,
-66.3732, 7.9511

 43.2116, -37.6718,
2.5144

 156.4078,
-69.4970, 8.7631

 33.8139, -33.1959,
1.9900

 171.6556,
-72.5634, 9.6009

 25.2179, -28.3086,
1.5082

187.3690,

 17.5067, -22.8745,

-75.5799, 10.4639

1.0728

203.5346,
-78.5524, 11.3513

■ 10.7966, -18.8941,
0.6896

■ 1.8275, -3.1982,
0.6032

■ 87.7247, -53.1009,
4.9813

■ 87.7247, -53.1009,
4.9813

■ 87.7246, -53.1018,
4.9834

■ 87.9405, -52.0442,
3.7904

■ 88.3147, -50.3544,
2.7813

■ 88.8932, -47.8594,
2.0171

■ 89.7010, -44.4803,
1.5350

■ 90.7559, -40.1763,
1.3618

■ 92.0701, -34.9383,
1.5147

■ 93.6510, -28.7846,
2.0019

■ 95.5014, -21.7559,
2.8236

■ 97.6208, -13.9098,
3.9727

Harmonies

Analogous

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



87.7250, -47.2499, 27.2019



87.7247, -53.1009, 4.9813



87.7250, -47.4227, -25.3092

Triad

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



87.7250, -53.0997, 4.9807



87.7250, 24.2667, -53.7056



87.7250, 24.6890, 38.9690

Complementary

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



87.7247, -53.1009, 4.9813



46.2117, 79.3357, 28.2838

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.



87.7250, 48.2175, 26.9465



87.7247, -53.1009, 4.9813



87.7250, 47.9526, -25.7838

Square

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



87.7250, -53.0997, 4.9807



87.7250, -4.9018, -65.1224



87.7250, 57.2216, 4.5690



87.7250, -4.4690, 42.5842

Rectangle

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



87.7247, -53.1009, 4.9813



87.7250, -37.3909, -45.1721



87.7250, 57.2216, 4.5690



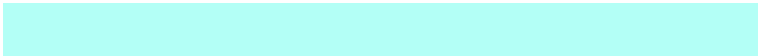
87.7250, 33.6473, 36.0164

Sweetspot

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



87.7250, -53.0997, 4.9807



93.6472, -28.7992, 2.0005



84.7709, -71.6570, 50.9798



43.0021, -14.5744, 0.8117

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.7250, -53.0997, 4.9807



87.7246, -53.1018, 4.9834



57.3519, -4.2351, -62.5390



45.2134, -6.2546, 1.8668



63.4238, -38.3154, 3.4376



19.8157, -11.8040, 0.7135

Inverse Universe

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



46.2117, 79.3357, 28.2838



46.2101, 79.3392, 28.2871



54.0214, 54.8203, 34.2457



42.4521, 1.7989, 3.0070



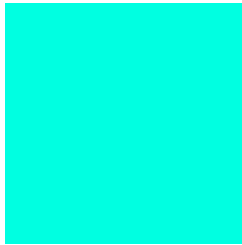
33.4196, 57.4113, 20.2058



10.4789, 18.1022, 5.5552

Previews

White Background



This preview shows how the HunterLab color 87.7247, -53.1009, 4.9813 looks on a white background.

Color Contrast Check

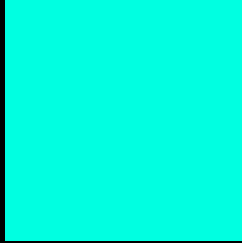
Large Text (above 18pt) WCAG AA × Fail

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 87.7247, -53.1009, 4.9813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

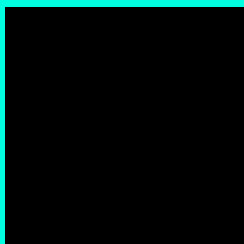
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

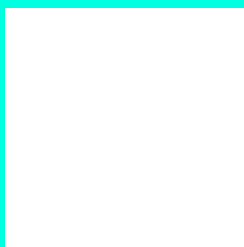
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.7247, -53.1009, 4.9813 Background



This preview shows how black text looks on a background with the HunterLab color 87.7247, -53.1009, 4.9813.



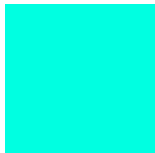
This preview shows how white text looks on a background with the HunterLab color 87.7247,

-53.1009, 4.9813.

Color Blindness Simulation

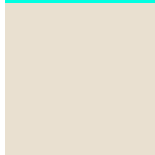
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



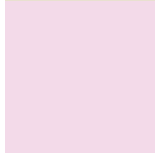
Original Color

87.7247, -53.1009, 4.9813



Protanopia

86.7116, -4.2604, 12.5536



Deuteranopia

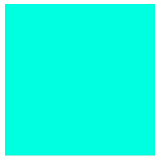
86.6491, 6.4541, 0.7561



Tritanopia

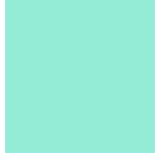
87.3164, -27.3675, -10.9161

Trichromacy



Original Color

87.7247, -53.1009, 4.9813



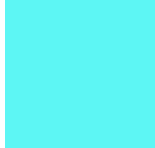
Protanomaly

84.0045, -32.1394, 6.2990



Deuteranomaly

83.5665, -25.8200, -2.0736



Tritanomaly

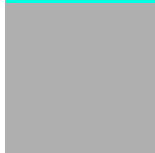
86.4698, -40.2646, -6.1079

Monochromacy



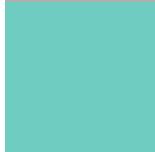
Original Color

87.7247, -53.1009, 4.9813



Achromatopsia

65.4745, -3.4936, 3.5574



Achromatomaly

71.0039, -29.2948, 1.1107

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.7247, -53.1009, 4.9813 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, 225)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 225)  
}
```

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, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 225) }
```

Border

The CSS property to change the border of an element to HunterLab 87.7247, -53.1009, 4.9813 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, 225) }
```


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

```
.border{ border-color:rgb(0, 255, 225) }
```

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, 225) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 225);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
225) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.7247, -53.1009, 4.9813 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, 225) }
```

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

```
.background{ background-color: rgb(0, 255,  
225) }
```

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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