

Converting Colors

HunterLab(87.7173, -53.1563,
5.1721)

Have a look what the booklet for
HunterLab(87.7173, -53.1563,
5.1721) contains.

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Color

**HunterLab(87.7321,
-53.0712, 4.9904)**

Conversions

Conversions Part 1

Format	Color
Hex	02FFE1
RGB	2, 255, 225
RGB Percent	1%, 100%, 88%
CMY	0.9919, 0.0000, 0.1176
CMYK	0.99, 0.00, 0.12, 0.00
HSL	173°, 100%, 50%
HSV	173°, 99%, 100%
XYZ	49.3757, 76.9692, 83.4884
YIQ	175.9330, -141.1580, -62.9660

Conversions

Conversions Part 2

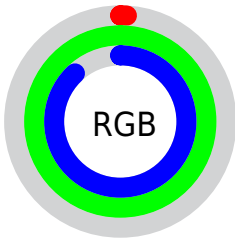
Format	Color
R _Y B	2, 136, 255
Decimal	196577
CIE Lab	90.31, -56.28, 0.23
CIE LCh	90, 56.280, 179.764
Yxy	76.9696, 0.2353, 0.3668
Android (android.graphics.Color)	4278386657 (0xFF02FFE1)
YUV	175.9330, 24.1900, -152.5392
Hunter-Lab	87.7321, -53.0712, 4.9904

Details

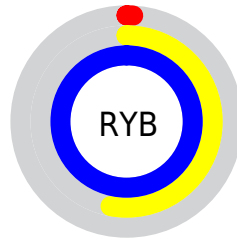
The HunterLab color **87.7321, -53.0712, 4.9904** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **46.2702, 79.2168, 28.1419**, and the grayscale version is **65.8148, -3.5117, 3.5758**.

A 20% lighter version of the original color is **90.9186, -38.5264, -6.3466**, and **65.4483, -40.2909, 5.1718** is the 20% darker color. If you saturate the color by 10%, you get **87.7172, -53.1463, 5.0888**, and if you desaturate by 10%, it is **87.9566, -51.9783, 3.7988**.

Distribution



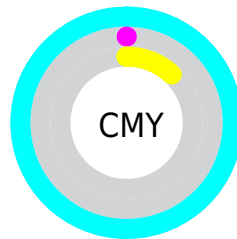
- Red (1%)
- Green (100%)
- Blue (88%)



- Red (1%)
- Yellow (53%)
- Blue (100%)



- Cyan (99%)
- Magenta (0%)
- Yellow (12%)
- Black (0%)





- Cyan (99%)
- Magenta (0%)
- Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.7321, -53.0712, 4.9904 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 87.7321, -53.0712, 4.9904 by changing the saturation by 10% instead.


 87.7321, -53.0712,
4.9904

 87.7321, -53.0712,
4.9904


220.1501,
-81.4392, 12.2747


 75.6492, -49.4843,
4.3217


 113.6207,
-59.8830, 6.4183


 64.1781, -45.7457,
3.6864


 127.3777,
-63.1472, 7.1762


 53.3538, -41.8183,
3.0856


 141.6490,
-66.3349, 7.9618

 43.2174, -37.6533,
2.5215

 156.4168,
-69.4567, 8.7741

 33.8193, -33.1809,
1.9966

 171.6648,
-72.5213, 9.6123

 25.2227, -28.2976,
1.5141

187.3785,

 17.5110, -22.8670,

-75.5360, 10.4756

1.0781

203.5443,
-78.5069, 11.3633

■ 10.8003, -18.9005,
0.6941

■ 1.8455, -3.2296,
0.6203

■ 87.7321, -53.0712,
4.9904

■ 87.7321, -53.0712,
4.9904

■ 87.7172, -53.1463,
5.0888

■ 87.9566, -51.9783,
3.7988

■ 88.3464, -50.2248,
2.7976

■ 88.9428, -47.6582,
2.0443

■ 89.7702, -44.2029,
1.5752

■ 90.8459, -39.8207,
1.4163

■ 92.1816, -34.5050,
1.5843

■ 93.7844, -28.2762,
2.0868

■ 95.6568, -21.1763,
2.9234

■ 97.7981, -13.2643,
4.0867

Harmonies

Analogous

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



87.7323, -47.2195, 27.1945



87.7321, -53.0712, 4.9904



87.7323, -47.3996, -25.2733

Triad

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



87.7323, -53.0700, 4.9898



87.7323, 24.2349, -53.6584



87.7323, 24.6749, 38.9502

Complementary

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



87.7321, -53.0712, 4.9904



46.2702, 79.2168, 28.1419

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.



87.7323, 48.1800, 26.9282



87.7321, -53.0712, 4.9904



87.7323, 47.9039, -25.7678

Square

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



87.7323, -53.0700, 4.9898



87.7323, -4.9113, -65.0557



87.7323, 57.1703, 4.5607



87.7323, -4.4602, 42.5675

Rectangle

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



87.7321, -53.0712, 4.9904



87.7323, -37.3757, -45.1180



87.7323, 57.1703, 4.5607



87.7323, 33.6250, 35.9972

Sweetspot

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



87.7323, -53.0700, 4.9898



93.6449, -28.8126, 2.0337



84.7914, -71.5644, 50.9538



43.0008, -14.5815, 0.8292

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.7323, -53.0700, 4.9898



87.7172, -53.1463, 5.0888



57.5883, -4.5645, -61.9977



45.2130, -6.2565, 1.8717



63.4185, -38.3471, 3.5127



19.8142, -11.8129, 0.7345

Inverse Universe

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



46.2702, 79.2168, 28.1419



46.2114, 79.3440, 28.2675



54.2345, 54.2691, 34.3045



42.4524, 1.8007, 3.0023



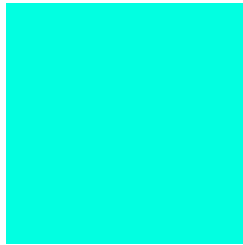
33.4207, 57.4152, 20.1902



10.4795, 18.1045, 5.5460

Previews

White Background



This preview shows how the HunterLab color 87.7321, -53.0712, 4.9904 looks on a white background.

Color Contrast Check

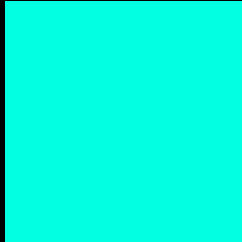
Large Text (above 18pt) WCAG AA × Fail

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 87.7321, -53.0712, 4.9904 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 87.7321, -53.0712, 4.9904 Background



This preview shows how black text looks on a background with the HunterLab color 87.7321, -53.0712, 4.9904.



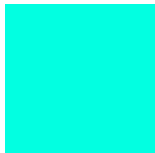
This preview shows how white text looks on a background with the HunterLab color 87.7321, -53.0712, 4.9904.

-53.0712, 4.9904.

Color Blindness Simulation

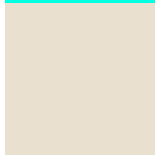
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



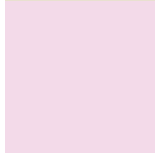
Original Color

87.7321, -53.0712, 4.9904



Protanopia

86.7116, -4.2604, 12.5536



Deuteranopia

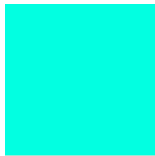
86.6491, 6.4541, 0.7561



Tritanopia

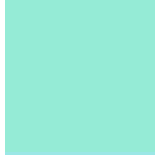
87.3164, -27.3675, -10.9161

Trichromacy



Original Color

87.7321, -53.0712, 4.9904



Protanomaly

84.0603, -31.9273, 6.3668



Deuteranomaly

83.5665, -25.8200, -2.0736



Tritanomaly

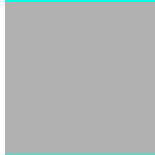
86.5002, -40.1464, -6.0665

Monochromacy



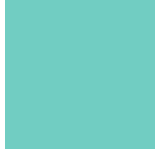
Original Color

87.7321, -53.0712, 4.9904



Achromatopsia

65.8903, -3.5157, 3.5799



Achromatomaly

71.4622, -29.1948, 1.1781

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.7321, -53.0712, 4.9904 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(2, 255, 225)` looks like.

```
.text, #text, p{  
    color:rgb(2, 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(2, 255, 225) colored shadow looks like.

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

Border

The CSS property to change the border of an element to HunterLab 87.7321, -53.0712, 4.9904 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(2, 255, 225) }
```


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

```
.border{ border-color:rgb(2, 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(2, 255, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 255, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 255, 225);  
box-shadow:4px 4px 4px 4px rgb(2, 255,  
225) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.7321, -53.0712, 4.9904 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 255, 225) }
```

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

```
.background{ background-color: rgb(2, 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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