

Converting Colors

HunterLab(84.0220, -65.9596,
4.1659)

Have a look what the booklet for
HunterLab(84.0220, -65.9596,
4.1659) contains.

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Color

**HunterLab(86.7527,
-53.7746, 7.6505)**

Conversions

Conversions Part 1

Format	Color
Hex	00FDD9
RGB	0, 253, 217
RGB Percent	0%, 99%, 85%
CMY	0.9998, 0.0078, 0.1490
CMYK	1.00, 0.00, 0.14, 0.01
HSL	171°, 100%, 50%
HSV	171°, 100%, 99%
XYZ	47.6496, 75.2603, 77.6610
YIQ	173.2490, -139.2320, -64.8320

Conversions

Conversions Part 2

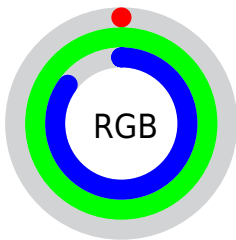
Format	Color
RYB	0, 136, 253
Decimal	64985
CIELab	89.52, -57.60, 3.23
CIELCh	90, 57.694, 176.792
Yxy	75.2632, 0.2376, 0.3752
Android (android.graphics.Color)	4278255065 (0xFF00FDD9)
YUV	173.2490, 21.5692, -151.9394
Hunter-Lab	86.7527, -53.7746, 7.6505

Details

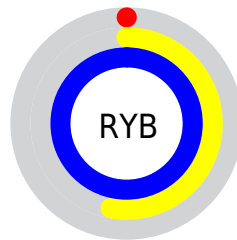
The HunterLab color **86.7527, -53.7746, 7.6505** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light saturated cyan. A complement of this color would be **45.8390, 78.7731, 27.4606**, and the grayscale version is **64.7094, -3.4527, 3.5158**.

A 20% lighter version of the original color is **90.8416, -38.8231, -6.4516**, and **64.5282, -40.9007, 7.6383** is the 20% darker color. If you saturate the color by 10%, you get **86.7540, -53.7771, 7.6543**, and if you desaturate by 10%, it is **86.9848, -52.6267, 6.2402**.

Distribution



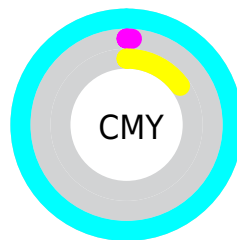
- Red (0%)
- Green (99%)
- Blue (85%)



- Red (0%)
- Yellow (53%)
- Blue (99%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (1%)





- Cyan (100%)
- Magenta (1%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 86.7527, -53.7746, 7.6505 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 86.7527, -53.7746, 7.6505 by changing the saturation by 10% instead.


 86.7527, -53.7746,
7.6505


 86.7527, -53.7746,
7.6505


218.8200,
-82.7300, 15.9311


 74.7185, -50.1027,
6.8489


 112.5544,
-60.7436, 9.3305


 63.2973, -46.2697,
6.0715


 126.2698,
-64.0786, 10.2059


 52.5258, -42.2385,
5.3196


 140.5011,
-67.3333, 11.1046

 42.4459, -37.9573,
4.5935

 155.2302,
-70.5187, 12.0262

 33.1087, -33.3526,
3.8929

 170.4408,
-73.6441, 12.9700

 24.5788, -28.3146,
3.2168

186.1181,

 16.9415, -22.8271,

-76.7170, 13.9357

2.5625

202.2486,
-79.7438, 14.9229

■ 10.3166, -18.0540,
1.9265

0.0000, NaN, NaN

■ 86.7527, -53.7746,
7.6505

■ 86.7527, -53.7746,
7.6505

■ 86.7540, -53.7771,
7.6543

■ 86.9848, -52.6267,
6.2402

■ 87.3732, -50.8439,
4.9960

■ 87.9648, -48.2574,
3.9822

■ 88.7844, -44.7903,
3.2372

■ 89.8495, -40.4038,
2.7893

■ 91.1718, -35.0909,
2.6576

■ 92.7585, -28.8713,
2.8525

■ 94.6124, -21.7870,
3.3765

■ 96.7326, -13.8966,
4.2250

Harmonies

Analogous

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



86.7544, -46.7011, 29.1296



86.7527, -53.7746, 7.6505



86.7544, -49.1857, -22.8926

Triad

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



86.7544, -53.7750, 7.6515



86.7544, 22.0857, -57.5769



86.7544, 28.2244, 38.5211

Complementary

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



86.7527, -53.7746, 7.6505



45.8390, 78.7731, 27.4606

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.



86.7544, 51.2421, 25.4704



86.7527, -53.7746, 7.6505



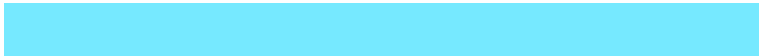
86.7544, 47.3822, -29.8223

Square

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



86.7544, -53.7750, 7.6515



86.7544, -7.7460, -67.1013



86.7544, 58.6742, 1.6873



86.7544, -1.4768, 42.8554

Rectangle

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



86.7527, -53.7746, 7.6505



86.7544, -39.7488, -43.7839



86.7544, 58.6742, 1.6873



86.7544, 37.1429, 35.2740

Sweetspot

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



86.7544, -53.7750, 7.6515



93.5856, -29.1522, 2.8770



84.0625, -70.8237, 50.5580



42.9696, -14.7617, 1.2741

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



86.7544, -53.7750, 7.6515



87.5323, -54.2625, 7.7294



58.1481, -6.3186, -59.0368



45.2044, -6.3045, 1.9946



63.2868, -39.1425, 5.3945



19.7773, -12.0357, 1.2617

Inverse Universe

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



45.8390, 78.7731, 27.4606



46.2484, 79.4811, 27.7196



52.8765, 56.1615, 33.5638



42.4608, 1.8455, 2.8834



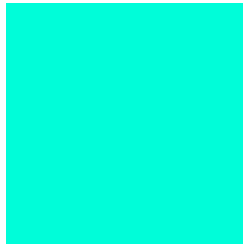
33.4499, 57.5236, 19.7571



10.4953, 18.1629, 5.3132

Previews

White Background



This preview shows how the HunterLab color 86.7527, -53.7746, 7.6505 looks on a white background.

Color Contrast Check

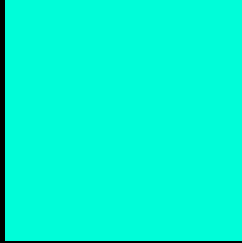
Large Text (above 18pt) WCAG AA × Fail

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 86.7527, -53.7746, 7.6505 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

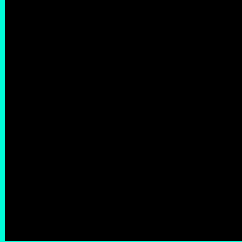
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

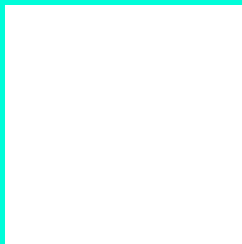
Any Text WCAG AAA ✓ Pass

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

HunterLab 86.7527, -53.7746, 7.6505 Background



This preview shows how black text looks on a background with the HunterLab color 86.7527, -53.7746, 7.6505.



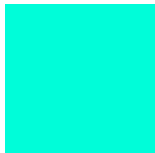
This preview shows how white text looks on a background with the HunterLab color 86.7527, -53.7746, 7.6505.

-53.7746, 7.6505.

Color Blindness Simulation

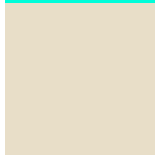
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



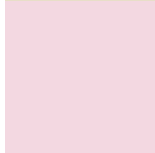
Original Color

86.7527, -53.7746, 7.6505



Protanopia

85.7721, -4.7879, 14.9961



Deuteranopia

85.7920, 6.1360, 3.7428



Tritanopia

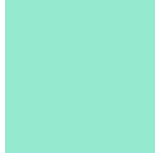
86.4240, -28.9668, -12.1574

Trichromacy



Original Color

86.7527, -53.7746, 7.6505



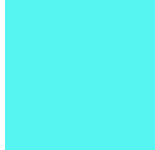
Protanomaly

83.0843, -32.6220, 8.9554



Deuteranomaly

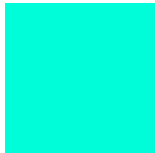
82.6324, -26.3985, 0.8700



Tritanomaly

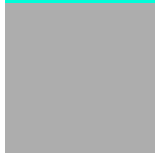
85.8103, -41.2351, -5.3456

Monochromacy



Original Color

86.7527, -53.7746, 7.6505



Achromatopsia

64.6440, -3.4492, 3.5122



Achromatomaly

70.1642, -29.3292, 2.0388

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 86.7527, -53.7746, 7.6505 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, 253, 217)` looks like.

```
.text, #text, p{  
    color:rgb(0, 253, 217)  
}
```

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, 253, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 253, 217) }
```

Border

The CSS property to change the border of an element to HunterLab 86.7527, -53.7746, 7.6505 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, 253, 217) }
```


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

```
.border{ border-color:rgb(0, 253, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 253, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 253, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 253, 217);  
box-shadow:4px 4px 4px 4px rgb(0, 253,  
217) }
```

Background

The CSS property to change the background color of an element to HunterLab 86.7527, -53.7746, 7.6505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 253, 217) }
```

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

```
.background{ background-color: rgb(0, 253,  
217) }
```

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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