

Converting Colors

HunterLab(87.7023, -54.0385,
11.5217)

Have a look what the booklet for
HunterLab(87.7023, -54.0385,
11.5217) contains.

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Color

**HunterLab(87.7080,
-54.0040, 11.4397)**

Conversions

Conversions Part 1

Format	Color
Hex	33FFD3
RGB	51, 255, 211
RGB Percent	20%, 100%, 83%
CMY	0.8000, 0.0000, 0.1725
CMYK	0.80, 0.00, 0.17, 0.00
HSL	167°, 100%, 60%
HSV	167°, 80%, 100%
XYZ	48.8831, 76.9269, 73.9000
YIQ	188.9880, -107.4600, -56.9320

Conversions

Conversions Part 2

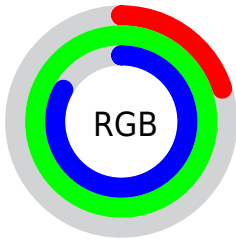
Format	Color
RYB	51, 165, 255
Decimal	3407827
CIELab	90.29, -57.54, 7.49
CIELCh	90, 58.023, 172.581
Yxy	76.9274, 0.2448, 0.3852
Android (android.graphics.Color)	4281597907 (0xFF33FFD3)
YUV	188.9880, 10.8519, -121.0155
Hunter-Lab	87.7080, -54.0040, 11.4397

Details

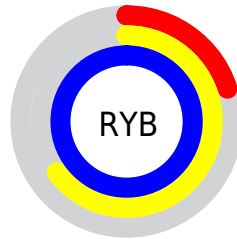
The HunterLab color **87.7080, -54.0040, 11.4397** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **49.4521, 74.0492, 18.7855**, and the grayscale version is **71.3206, -3.8055, 3.8750**.

A 20% lighter version of the original color is **91.4141, -36.6253, -5.6737**, and **65.0898, -42.4629, 10.3086** is the 20% darker color. If you saturate the color by 10%, you get **87.2727, -56.0785, 13.3406**, and if you desaturate by 10%, it is **88.3524, -51.0935, 9.7230**.

Distribution



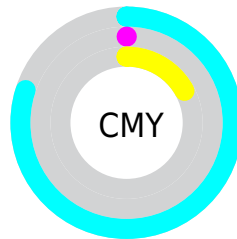
- Red (20%)
- Green (100%)
- Blue (83%)



- Red (20%)
- Yellow (65%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (17%)
- Black (0%)





- Cyan (80%)
- Magenta (0%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.7080, -54.0040, 11.4397 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 87.7080, -54.0040, 11.4397 by changing the saturation by 10% instead.


 87.7080, -54.0040,
11.4397


 87.7080, -54.0040,
11.4397


220.1173,
-82.8822, 21.2120


 75.6262, -50.3456,
10.4329


 113.5944,
-60.9475, 13.4960


 64.1564, -46.5303,
9.4399


 127.3504,
-64.2726, 14.5482

 53.3333, -42.5203,
8.4581


 141.6207,
-67.5185, 15.6168

 43.1983, -38.2655,
7.4843

 156.3876,
-70.6961, 16.7021

 33.8017, -33.6943,
6.5138

171.6347,
-73.8143, 17.8043

 25.2068, -28.7007,
5.5384

187.3474,

 17.4969, -23.1702,

-76.8807, 18.9233

4.5438

203.5124,
-79.9015, 20.0592

■ 10.7883, -18.8795,
3.6151

■ 1.7861, -3.1257,
1.2503

■ 87.7080, -54.0040,
11.4397

■ 87.7080, -54.0040,
11.4397

■ 87.2727, -56.0785,
13.3406

■ 88.3524, -51.0935,
9.7230

■ 87.0002, -57.4902,
15.3626

■ 89.2298, -47.2756,
8.2350

■ 87.0001, -57.4907,
15.3635

■ 90.3578, -42.5143,
7.0091

■ 91.7479, -36.8076,
6.0709

■ 93.4068, -30.1808,
5.4382

■ 95.3367, -22.6814,
5.1205

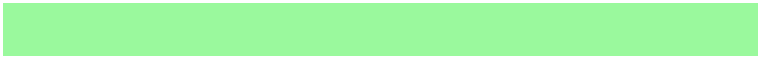
■ 97.5363, -14.3734,
5.1202

■ 100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



87.7082, -45.2225, 31.5707



87.7080, -54.0040, 11.4397



87.7082, -51.0216, -18.4903

Triad

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



87.7082, -54.0029, 11.4391



87.7082, 18.0980, -60.8187



87.7082, 32.3820, 37.6483

Complementary

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



87.7080, -54.0040, 11.4397



49.4521, 74.0492, 18.7855

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.



87.7082, 53.8619, 23.0170



87.7080, -54.0040, 11.4397



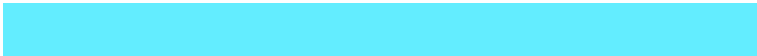
87.7082, 44.8866, -34.5975

Square

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



87.7082, -54.0029, 11.4391



87.7082, -11.8665, -67.0561



87.7082, 58.7159, -2.4586



87.7082, 2.7362, 43.1145

Rectangle

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



87.7080, -54.0040, 11.4397



87.7082, -42.5534, -39.9700



87.7082, 58.7159, -2.4586



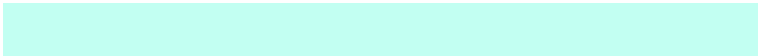
87.7082, 40.9487, 33.9258

Sweetspot

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



87.7082, -54.0029, 11.4391



94.5313, -25.7855, 5.2096



86.1413, -65.5832, 49.7751



43.4199, -13.1552, 2.4667

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.7082, -54.0029, 11.4391



87.0974, -56.9744, 14.5498



69.2452, -19.5411, -38.6797



45.1779, -6.4520, 2.3726



62.9069, -41.4462, 10.8423



19.6696, -12.6870, 2.8023

Inverse Universe

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



49.4521, 74.0492, 18.7855



46.7336, 79.5830, 24.2241



56.9171, 48.6907, 32.6605



42.4867, 1.9849, 2.5135



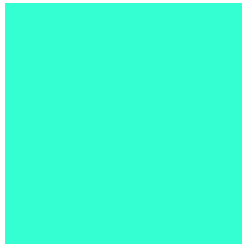
33.5718, 57.9748, 17.9563



10.5483, 18.3584, 4.5356

Previews

White Background



This preview shows how the HunterLab color 87.7080, -54.0040, 11.4397 looks on a white background.

Color Contrast Check

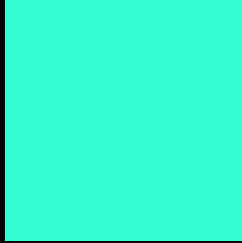
Large Text (above 18pt) WCAG AA × Fail

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 87.7080, -54.0040, 11.4397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

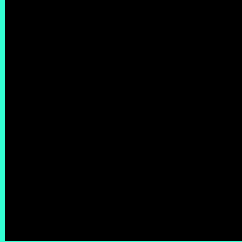
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

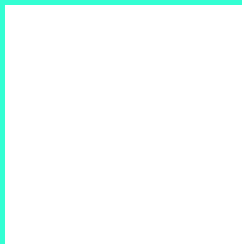
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.7080, -54.0040, 11.4397 Background



This preview shows how black text looks on a background with the HunterLab color 87.7080, -54.0040, 11.4397.



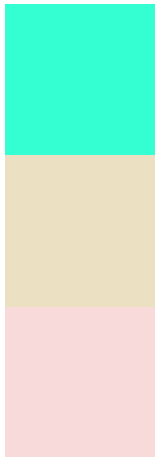
This preview shows how white text looks on a background with the HunterLab color 87.7080,

-54.0040, 11.4397.

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

87.7080, -54.0040, 11.4397

Protanopia

86.6512, -5.1788, 17.9764

Deuteranopia

86.8315, 6.1792, 7.8524



Tritanopia

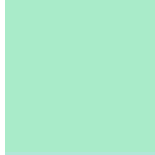
87.4222, -26.9722, -10.7662

Trichromacy



Original Color

87.7080, -54.0040, 11.4397



Protanomaly

84.8933, -29.5263, 13.2012



Deuteranomaly

84.5321, -23.1300, 6.1170



Tritanomaly

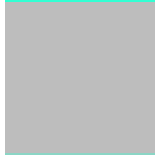
86.9794, -38.6329, -2.7449

Monochromacy



Original Color

87.7080, -54.0040, 11.4397



Achromatopsia

71.3359, -3.8063, 3.8758



Achromatomaly

75.5703, -27.0906, 4.6483

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.7080, -54.0040, 11.4397 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(51, 255, 211)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 211)  
}
```

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(51, 255, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 211) }
```

Border

The CSS property to change the border of an element to HunterLab 87.7080, -54.0040, 11.4397 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(51, 255, 211) }
```


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

```
.border{ border-color:rgb(51, 255, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 255, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 211);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
211) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.7080, -54.0040, 11.4397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 255, 211) }
```

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

```
.background{ background-color: rgb(51, 255,  
211) }
```

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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