

Converting Colors

HunterLab(87.5120, -55.1897,
14.2545)

Have a look what the booklet for
HunterLab(87.5120, -55.1897,
14.2545) contains.

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Color

**HunterLab(87.5120,
-55.1897, 14.2545)**

Conversions

Conversions Part 1

Format	Color
Hex	33FFCC
RGB	51, 255, 204
RGB Percent	20%, 100%, 80%
CMY	0.8000, 0.0000, 0.2000
CMYK	0.80, 0.00, 0.20, 0.00
HSL	165°, 100%, 60%
HSV	165°, 80%, 100%
XYZ	48.0244, 76.5835, 69.3777
YIQ	188.1900, -105.2130, -59.1090

Conversions

Conversions Part 2

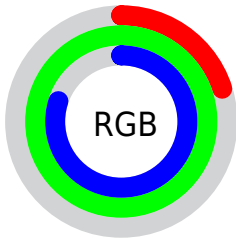
Format	Color
RYB	51, 168, 255
Decimal	3407820
CIELab	90.13, -59.21, 10.88
CIELCh	90, 60.205, 169.588
Yxy	76.5839, 0.2476, 0.3948
Android (android.graphics.Color)	4281597900 (0xFF33FFCC)
YUV	188.1900, 7.7943, -120.3156
Hunter-Lab	87.5120, -55.1897, 14.2545

Details

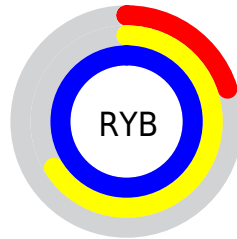
The HunterLab color **87.5120, -55.1897, 14.2545** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **49.5865, 74.5766, 16.8273**, and the grayscale version is **70.9961, -3.7882, 3.8574**.

A 20% lighter version of the original color is **91.4141, -36.6253, -5.6737**, and **64.9111, -43.5506, 12.8800** is the 20% darker color. If you saturate the color by 10%, you get **87.0593, -57.3751, 16.4097**, and if you desaturate by 10%, it is **88.1757, -52.1553, 12.2559**.

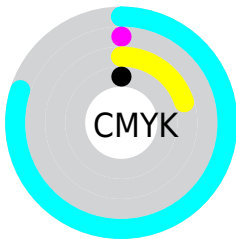
Distribution



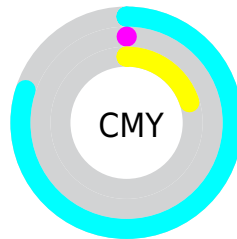
- Red (20%)
- Green (100%)
- Blue (80%)



- Red (20%)
- Yellow (66%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)





- Cyan (80%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.5120, -55.1897, 14.2545 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 87.5120, -55.1897, 14.2545 by changing the saturation by 10% instead.


 87.5120, -55.1897,
14.2545


 87.5120, -55.1897,
14.2545


219.8509,
-84.7588, 25.2307


 75.4396, -51.4333,
13.0817


 113.3807,
-62.3123, 16.6174


 63.9798, -47.5130,
11.9122


 127.1284,
-65.7200, 17.8125

 53.1673, -43.3896,
10.7414


 141.3907,
-69.0448, 19.0182

 43.0436, -39.0107,
9.5630

 156.1498,
-72.2978, 20.2354

 33.6591, -34.3023,
8.3679

171.3894,
-75.4886, 21.4648

 25.0775, -29.1545,
7.1416

187.0949,

 17.3824, -23.5123,

-78.6247, 22.7069

5.8589

203.2528,
-81.7129, 23.9622

■ 10.6909, -18.7091,
4.9305

■ 1.1984, -2.0972,
0.8389

■ 87.5120, -55.1897,
14.2545

■ 87.5120, -55.1897,
14.2545

■ 87.0593, -57.3751,
16.4097

■ 88.1757, -52.1553,
12.2559

■ 86.7714, -58.8844,
18.6583

■ 89.0743, -48.2021,
10.4603

■ 86.7713, -58.8851,
18.6594

■ 90.2253, -43.2959,
8.9034

■ 91.6399, -37.4372,
7.6138

■ 93.3245, -30.6538,
6.6124

■ 95.2812, -22.9958,
5.9124

■ 97.5083, -14.5293,
5.5196

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.



87.5122, -44.9851, 33.7515



87.5120, -55.1897, 14.2545



87.5122, -53.3374, -16.0702

Triad

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



87.5122, -55.1886, 14.2538



87.5122, 15.8590, -65.7416



87.5122, 36.6627, 37.4742

Complementary

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



87.5120, -55.1897, 14.2545



49.5865, 74.5766, 16.8273

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.



87.5122, 57.6849, 21.4727



87.5120, -55.1897, 14.2545



87.5122, 44.5822, -39.6461

Square

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



87.5122, -55.1886, 14.2538



87.5122, -15.0180, -69.7456



87.5122, 60.7665, -5.9252



87.5122, 6.1737, 43.7757

Rectangle

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



87.5120, -55.1897, 14.2545



87.5122, -45.4228, -38.7452



87.5122, 60.7665, -5.9252



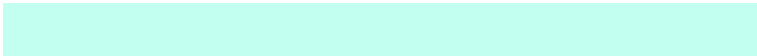
87.5122, 45.2383, 33.3699

Sweetspot

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



87.5122, -55.1886, 14.2538



94.4650, -26.1636, 6.1561



86.4796, -64.1702, 50.0167



43.3848, -13.3563, 2.9675

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.5122, -55.1886, 14.2538



86.8745, -58.3311, 17.7582



72.6259, -24.2944, -32.9091



45.1656, -6.5206, 2.5484



62.7433, -42.4429, 13.1985



19.6227, -12.9722, 3.4765

Inverse Universe

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



49.5865, 74.5766, 16.8273



46.8418, 79.9853, 22.6329



55.0898, 53.4914, 31.5103



42.4989, 2.0505, 2.3394



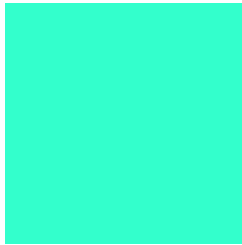
33.6462, 58.2498, 16.8604



10.5776, 18.4663, 4.1070

Previews

White Background



This preview shows how the HunterLab color 87.5120, -55.1897, 14.2545 looks on a white background.

Color Contrast Check

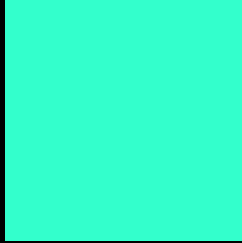
Large Text (above 18pt) WCAG AA × Fail

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 87.5120, -55.1897, 14.2545 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 87.5120, -55.1897, 14.2545 Background



This preview shows how black text looks on a background with the HunterLab color 87.5120, -55.1897, 14.2545.



This preview shows how white text looks on a background with the HunterLab color 87.5120,

-55.1897, 14.2545.

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

87.5120, -55.1897, 14.2545

Protanopia

86.5717, -5.8131, 20.6595

Deuteranopia

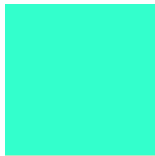
86.5381, 6.3122, 10.7598



Tritanopia

86.9777, -26.8920, -11.3667

Trichromacy



Original Color

87.5120, -55.1897, 14.2545



Protanomaly

84.7034, -30.6236, 15.9319



Deuteranomaly

84.3921, -24.0683, 9.2015



Tritanomaly

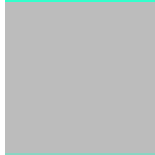
86.4526, -39.0782, -1.8362

Monochromacy



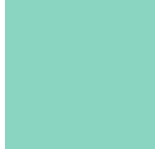
Original Color

87.5120, -55.1897, 14.2545



Achromatopsia

70.9145, -3.7838, 3.8529



Achromatomaly

75.0901, -27.3784, 5.4913

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.5120, -55.1897, 14.2545 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, 204)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 204)  
}
```

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, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 87.5120, -55.1897, 14.2545 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, 204) }
```


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

```
.border{ border-color:rgb(51, 255, 204) }
```

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, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 204);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.5120, -55.1897, 14.2545 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, 204) }
```

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

```
.background{ background-color: rgb(51, 255,  
204) }
```

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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