

Converting Colors

HunterLab(87.5133, -55.2701,
14.8282)

Have a look what the booklet for
HunterLab(87.5133, -55.2701,
14.8282) contains.

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Color

**HunterLab(87.5150,
-55.2322, 14.6816)**

Conversions

Conversions Part 1

Format	Color
Hex	35FFCB
RGB	53, 255, 203
RGB Percent	21%, 100%, 80%
CMY	0.7921, 0.0000, 0.2039
CMYK	0.79, 0.00, 0.20, 0.00
HSL	165°, 100%, 60%
HSV	165°, 79%, 100%
XYZ	48.0078, 76.5888, 68.7528
YIQ	188.6740, -103.7000, -58.9960

Conversions

Conversions Part 2

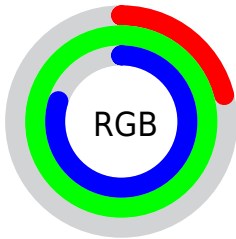
Format	Color
RYB	53, 169, 255
Decimal	3538891
CIELab	90.13, -59.27, 11.40
CIElCh	90, 60.357, 169.110
Yxy	76.5891, 0.2483, 0.3961
Android (android.graphics.Color)	4281728971 (0xFF35FFCB)
YUV	188.6740, 7.0627, -118.9861
Hunter-Lab	87.5150, -55.2322, 14.6816

Details

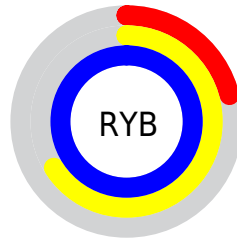
The HunterLab color **87.5150, -55.2322, 14.6816** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **49.8271, 74.2391, 16.0972**, and the grayscale version is **71.2026, -3.7992, 3.8686**.

A 20% lighter version of the original color is **91.4579, -36.4575, -5.6142**, and **64.8864, -43.7013, 13.2362** is the 20% darker color. If you saturate the color by 10%, you get **87.0434, -57.5028, 16.8779**, and if you desaturate by 10%, it is **88.2003, -52.1022, 12.6394**.

Distribution



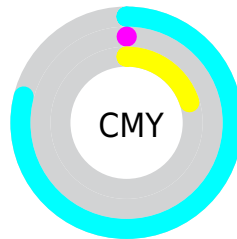
- Red (21%)
- Green (100%)
- Blue (80%)



- Red (21%)
- Yellow (66%)
- Blue (100%)



- Cyan (79%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)





- Cyan (79%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.5150, -55.2322, 14.6816 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 87.5150, -55.2322, 14.6816 by changing the saturation by 10% instead.


 87.5150, -55.2322,
14.6816


 87.5150, -55.2322,
14.6816


219.8549,
-84.8241, 25.8463


 75.4425, -51.4726,
13.4827


 113.3840,
-62.3606, 17.0926


 63.9825, -47.5489,
12.2855


 127.1318,
-65.7711, 18.3101

 53.1698, -43.4218,
11.0849


 141.3942,
-69.0985, 19.5373

 43.0459, -39.0390,
9.8743

 156.1534,
-72.3540, 20.7751

 33.6613, -34.3262,
8.6438

171.3932,
-75.5471, 22.0244

 25.0795, -29.1737,
7.3778

187.0988,

 17.3842, -23.5276,

-78.6856, 23.2858

6.0496

203.2568,
-81.7761, 24.5596

■ 10.6924, -18.7117,
5.1329

■ 1.2095, -2.1167,
0.8467

■ 87.5150, -55.2322,
14.6816

■ 87.5150, -55.2322,
14.6816

■ 87.0434, -57.5028,
16.8779

■ 88.2003, -52.1022,
12.6394

■ 86.7440, -59.0668,
19.1697

■ 89.1226, -48.0468,
10.7973

■ 86.7235, -59.1771,
19.3496

■ 90.2987, -43.0351,
9.1910

■ 91.7395, -37.0704,
7.8490

■ 93.4509, -30.1830,
6.7924

■ 95.4346, -22.4251,
6.0345

■ 97.6887, -13.8644,
5.5813

■ 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.



87.5152, -44.8183, 34.0268



87.5150, -55.2322, 14.6816



87.5152, -53.5698, -15.5867

Triad

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



87.5152, -55.2312, 14.6809



87.5152, 15.4091, -66.2353



87.5152, 37.2148, 37.3643

Complementary

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



87.5150, -55.2322, 14.6816



49.8271, 74.2391, 16.0972

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.



87.5152, 58.0669, 21.1612



87.5150, -55.2322, 14.6816



87.5152, 44.3323, -40.3030

Square

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



87.5152, -55.2312, 14.6809



87.5152, -15.5026, -69.8373



87.5152, 60.8370, -6.4698



87.5152, 6.7075, 43.8005

Rectangle

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



87.5150, -55.2322, 14.6816



87.5152, -45.7663, -38.3493



87.5152, 60.8370, -6.4698



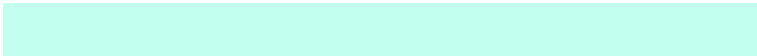
87.5152, 45.7546, 33.2009

Sweetspot

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



87.5152, -55.2312, 14.6809



94.4507, -26.2449, 6.3596



86.5420, -63.8893, 49.8998



43.3773, -13.3995, 3.0750

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.5152, -55.2312, 14.6809



86.8549, -58.4712, 18.2002



72.8184, -24.3726, -32.5875



45.1629, -6.5355, 2.5863



62.7090, -42.6518, 13.6922



19.6129, -13.0323, 3.6186

Inverse Universe

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



49.8271, 74.2391, 16.0972



46.9585, 79.9623, 21.9054



55.3704, 52.8567, 31.4362



42.5015, 2.0648, 2.3016



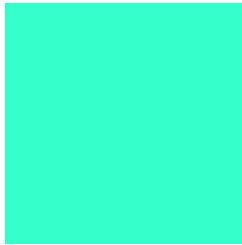
33.6638, 58.3149, 16.6011



10.5843, 18.4911, 4.0086

Previews

White Background



This preview shows how the HunterLab color 87.5150, -55.2322, 14.6816 looks on a white background.

Color Contrast Check

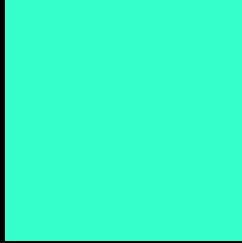
Large Text (above 18pt) WCAG AA × Fail

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 87.5150, -55.2322, 14.6816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

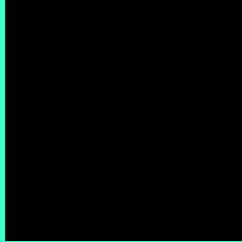
Any Text WCAG AA ✓ Pass

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 87.5150, -55.2322, 14.6816 Background



This preview shows how black text looks on a background with the HunterLab color 87.5150, -55.2322, 14.6816.



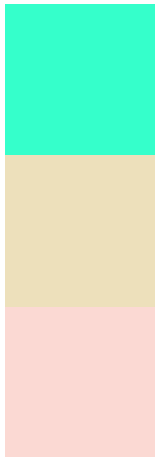
This preview shows how white text looks on a background with the HunterLab color 87.5150,

-55.2322, 14.6816.

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

87.5150, -55.2322, 14.6816

Protanopia

86.5469, -5.9495, 21.0183

Deuteranopia

86.5090, 6.1565, 11.1767



Tritanopia

86.9777, -26.8920, -11.3667

Trichromacy



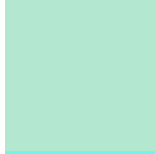
Original Color

87.5150, -55.2322, 14.6816



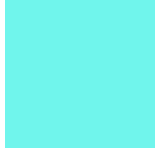
Protanomaly

84.7425, -30.5285, 16.3848



Deuteranomaly

84.4332, -23.9745, 9.7034



Tritanomaly

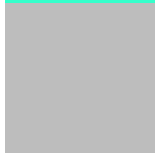
86.4903, -38.9320, -1.7866

Monochromacy



Original Color

87.5150, -55.2322, 14.6816



Achromatopsia

71.3359, -3.8063, 3.8758



Achromatomaly

75.5374, -27.3953, 6.0053

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.5150, -55.2322, 14.6816 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(53, 255, 203)` looks like.

```
.text, #text, p{  
    color:rgb(53, 255, 203)  
}
```

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(53, 255, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 255, 203) }
```

Border

The CSS property to change the border of an element to HunterLab 87.5150, -55.2322, 14.6816 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(53, 255, 203) }
```


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

```
.border{ border-color:rgb(53, 255, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 255, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 255, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 255, 203);  
box-shadow:4px 4px 4px 4px rgb(53, 255,  
203) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.5150, -55.2322, 14.6816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 255, 203) }
```

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

```
.background{ background-color: rgb(53, 255,  
203) }
```

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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