

Converting Colors

HunterLab(87.4932, -55.3037,
14.5255)

Have a look what the booklet for
HunterLab(87.4932, -55.3037,
14.5255) contains.

HunterLab(87.4846, -55.3553, 14.6475)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(87.4846,
-55.3553, 14.6475)**

Conversions

Conversions Part 1

Format	Color
Hex	33FFCB
RGB	51, 255, 203
RGB Percent	20%, 100%, 80%
CMY	0.8000, 0.0000, 0.2039
CMYK	0.80, 0.00, 0.20, 0.00
HSL	165°, 100%, 60%
HSV	165°, 80%, 100%
XYZ	47.9047, 76.5356, 68.7478
YIQ	188.0760, -104.8920, -59.4200

Conversions

Conversions Part 2

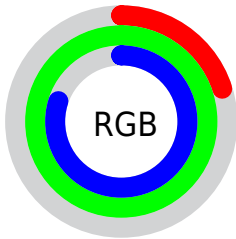
Format	Color
RYB	51, 168, 255
Decimal	3407819
CIELab	90.11, -59.45, 11.36
CIELCh	90, 60.526, 169.178
Yxy	76.5360, 0.2480, 0.3962
Android (android.graphics.Color)	4281597899 (0xFF33FFCB)
YUV	188.0760, 7.3575, -120.2157
Hunter-Lab	87.4846, -55.3553, 14.6475

Details

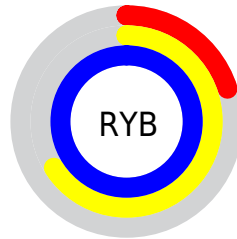
The HunterLab color **87.4846, -55.3553, 14.6475** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **49.6065, 74.6557, 16.5346**, and the grayscale version is **70.9496, -3.7857, 3.8548**.

A 20% lighter version of the original color is **91.4141, -36.6253, -5.6737**, and **64.8864, -43.7013, 13.2362** is the 20% darker color. If you saturate the color by 10%, you get **87.0297, -57.5556, 16.8367**, and if you desaturate by 10%, it is **88.1509, -52.3043, 12.6109**.

Distribution



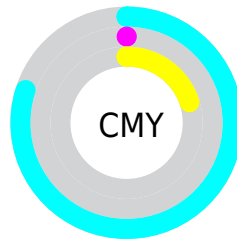
- Red (20%)
- Green (100%)
- Blue (80%)



- 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 87.4846, -55.3553, 14.6475 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 87.4846, -55.3553, 14.6475 by changing the saturation by 10% instead.


 87.4846, -55.3553,
14.6475


 87.4846, -55.3553,
14.6475


219.8137,
-85.0218, 25.7982


 75.4136, -51.5852,
13.4506


 113.3509,
-62.5032, 17.0550


 63.9551, -47.6500,
12.2554


 127.0974,
-65.9226, 18.2708

 53.1441, -43.5106,
11.0570


 141.3586,
-69.2584, 19.4964

 43.0220, -39.1143,
9.8487

 156.1166,
-72.5221, 20.7327

 33.6392, -34.3865,
8.6207

171.3552,
-75.7231, 21.9805

 25.0595, -29.2170,
7.3576

187.0597,

 17.3665, -23.5611,

-78.8691, 23.2405

6.0325

203.2166,
-81.9668, 24.5129

■ 10.6774, -18.6854,
5.1206

■ 1.0915, -1.9101,
0.7640

■ 87.4846, -55.3553,
14.6475

■ 87.4846, -55.3553,
14.6475

■ 87.0297, -57.5556,
16.8367

■ 88.1509, -52.3043,
12.6109


■ 86.7398, -59.0776,
19.1149


■ 89.0525, -48.3325,
10.7732


■ 86.7396, -59.0782,
19.1159

■ 90.2066, -43.4064,
9.1706

■ 91.6246, -37.5265,
7.8321

 93.3128, -30.7212,
6.7790

 95.2732, -23.0408,
6.0250

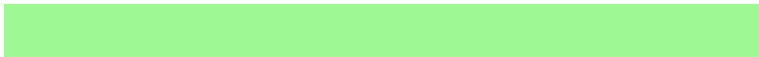
 97.5042, -14.5519,
5.5765

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.



87.4848, -44.9486, 34.0524



87.4846, -55.3553, 14.6475



87.4848, -53.6626, -15.7261

Triad

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



87.4848, -55.3543, 14.6469



87.4848, 15.5387, -66.4505



87.4848, 37.2774, 37.4477

Complementary

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



87.4846, -55.3553, 14.6475



49.6065, 74.6557, 16.5346

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.



87.4848, 58.2308, 21.2476



87.4846, -55.3553, 14.6475



87.4848, 44.5348, -40.3791

Square

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



87.4848, -55.3543, 14.6469



87.4848, -15.4643, -70.1267



87.4848, 61.0557, -6.4304



87.4848, 6.6688, 43.8669

Rectangle

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



87.4846, -55.3553, 14.6475



87.4848, -45.8264, -38.5669



87.4848, 61.0557, -6.4304



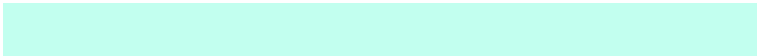
87.4848, 45.8534, 33.2884

Sweetspot

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



87.4848, -55.3543, 14.6469



94.4556, -26.2172, 6.2905



86.4796, -64.1704, 50.0168



43.3798, -13.3848, 3.0385

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.4848, -55.3543, 14.6469



86.8437, -58.5193, 18.2034



72.6258, -24.2943, -32.9092



45.1638, -6.5304, 2.5734



62.7206, -42.5811, 13.5251



19.6162, -13.0119, 3.5704

Inverse Universe

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



49.6065, 74.6557, 16.5346



46.8585, 80.0475, 22.3873



55.0897, 53.4917, 31.5104



42.5006, 2.0599, 2.3144



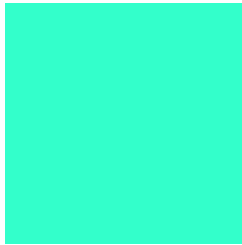
33.6578, 58.2926, 16.6901



10.5820, 18.4826, 4.0423

Previews

White Background



This preview shows how the HunterLab color 87.4846, -55.3553, 14.6475 looks on a white background.

Color Contrast Check

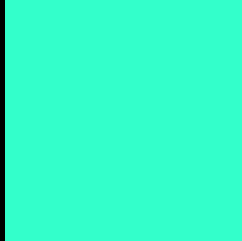
Large Text (above 18pt) WCAG AA × Fail

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 87.4846, -55.3553, 14.6475 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

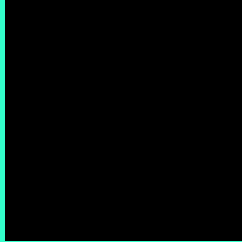
Any Text WCAG AA ✓ Pass

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 87.4846, -55.3553, 14.6475 Background



This preview shows how black text looks on a background with the HunterLab color 87.4846, -55.3553, 14.6475.



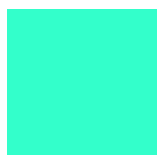
This preview shows how white text looks on a background with the HunterLab color 87.4846, -55.3553, 14.6475.

-55.3553, 14.6475.

Color Blindness Simulation

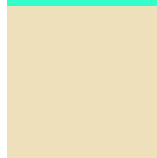
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



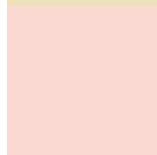
Original Color

87.4846, -55.3553, 14.6475



Protanopia

86.5469, -5.9495, 21.0183



Deuteranopia

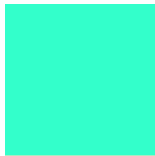
86.5090, 6.1565, 11.1767



Tritanopia

86.9777, -26.8920, -11.3667

Trichromacy



Original Color

87.4846, -55.3553, 14.6475



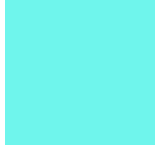
Protanomaly

84.6770, -30.7767, 16.3127



Deuteranomaly

84.3628, -24.2355, 9.6206



Tritanomaly

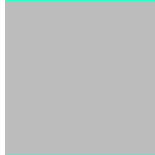
86.4526, -39.0782, -1.8362

Monochromacy



Original Color

87.4846, -55.3553, 14.6475



Achromatopsia

70.9145, -3.7838, 3.8529



Achromatomaly

75.0603, -27.5512, 5.9175

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.4846, -55.3553, 14.6475 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, 203)` looks like.

```
.text, #text, p{  
    color:rgb(51, 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(51, 255, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 203) }
```

Border

The CSS property to change the border of an element to HunterLab 87.4846, -55.3553, 14.6475 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, 203) }
```


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

```
.border{ border-color:rgb(51, 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(51, 255, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 203);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
203) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.4846, -55.3553, 14.6475 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, 203) }
```

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

```
.background{ background-color: rgb(51, 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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