

Converting Colors

HunterLab(87.0949, -32.1109,
5.4651)

Have a look what the booklet for
HunterLab(87.0949, -32.1109,
5.4651) contains.

HunterLab(87.0635, -32.2404, 5.5419)	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(87.0635,
-32.2404, 5.5419)**

Conversions

Conversions Part 1

Format	Color
Hex	9BF2DF
RGB	155, 242, 223
RGB Percent	61%, 95%, 87%
CMY	0.3921, 0.0510, 0.1255
CMYK	0.36, 0.00, 0.08, 0.05
HSL	167°, 77%, 78%
HSV	167°, 36%, 95%
XYZ	58.5890, 75.8005, 81.3550
YIQ	213.8210, -45.7530, -24.3530

Conversions

Conversions Part 2

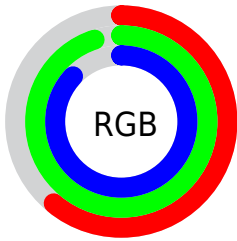
Format	Color
R _Y B	155, 204, 242
Decimal	10220255
CIE Lab	89.77, -30.36, 0.87
CIE LCh	90, 30.375, 178.352
Yxy	75.8036, 0.2716, 0.3513
Android (android.graphics.Color)	4288410335 (0xFF9BF2DF)
YUV	213.8210, 4.5252, -51.5860
Hunter-Lab	87.0635, -32.2404, 5.5419

Details

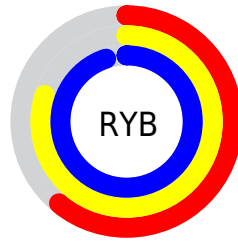
The HunterLab color **87.0635, -32.2404, 5.5419** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **67.3632, 30.4562, 6.7942**, and the grayscale version is **81.9223, -4.3712, 4.4510**.

A 20% lighter version of the original color is **96.3001, -18.4567, 0.7685**, and **63.7163, -28.0966, 4.2975** is the 20% darker color. If you saturate the color by 10%, you get **85.6525, -37.9795, 6.3342**, and if you desaturate by 10%, it is **88.7312, -25.6572, 5.0417**.

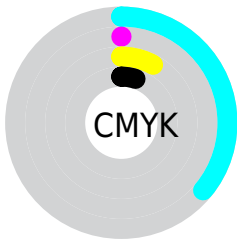
Distribution



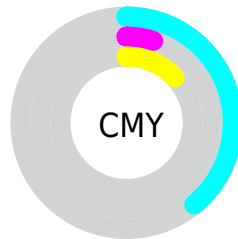
- Red (61%)
- Green (95%)
- Blue (87%)



- Red (61%)
- Yellow (80%)
- Blue (95%)



- Cyan (36%)
- Magenta (0%)
- Yellow (8%)
- Black (5%)





- Cyan (39%)
- Magenta (5%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.0635, -32.2404, 5.5419 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 87.0635, -32.2404, 5.5419 by changing the saturation by 10% instead.


 87.0635, -32.2404,
5.5419

 87.0635, -32.2404,
5.5419


219.2430,
-50.4348, 13.0300

 75.0143, -30.0749,
4.8478


 112.8934,
-36.4437, 7.0223

 63.5772, -27.8494,
4.1838


 126.6221,
-38.4959, 7.8041

 52.7889, -25.5485,
3.5525


140.8661,
-40.5238, 8.6127

 42.6909, -23.1492,
2.9558

155.6075,
-42.5319, 9.4472

 33.3343, -20.6179,
2.3957

170.8301,
-44.5242, 10.3069

 24.7832, -17.9032,
1.8745


186.5190,

 17.1221, -14.9191,


-46.5037, 11.1910


1.3951


202.6607,
-48.4732, 12.0989


 10.4697, -13.4354,
0.9608


0.0000, NaN, NaN


 87.0635, -32.2404,
5.5419


 87.0635, -32.2404,
5.5419


 85.6525, -37.9795,
6.3342


 88.7312, -25.6572,
5.0417


 84.4886, -42.8383,
7.4014

 90.6511, -18.2784,
4.8365

 83.5649, -46.8083,
8.7238

 92.8224, -10.1696,
4.9274

 82.8674, -49.9083,
10.2726

 95.2399, -1.4038,
5.3086

■ 82.3764, -52.1911,
12.0114

■ 95.7253, 0.6023,
3.2675

■ 82.0636, -53.7525,
13.8949

■ 95.9003, 1.5495,
0.7773

■ 81.9679, -54.2577,
14.6739

■ 95.9098, 1.6010,
0.6421

Harmonies

Analogous

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



87.0653, -28.3862, 18.2258



87.0635, -32.2404, 5.5419



87.0653, -29.1402, -9.6817

Triad

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



87.0653, -32.2415, 5.5431



87.0653, 9.8193, -23.7787



87.0653, 11.3896, 25.4189

Complementary

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



87.0635, -32.2404, 5.5419



67.3632, 30.4562, 6.7942

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.



87.0653, 22.8868, 17.0500



87.0635, -32.2404, 5.5419



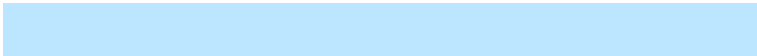
87.0653, 21.9369, -11.3233

Square

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



87.0653, -32.2415, 5.5431



87.0653, -5.4977, -28.2698



87.0653, 26.8721, 3.9276



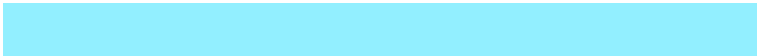
87.0653, -3.7995, 28.3992

Rectangle

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



87.0635, -32.2404, 5.5419



87.0653, -23.4154, -18.9690



87.0653, 26.8721, 3.9276



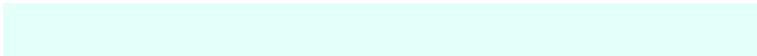
87.0653, 15.8525, 23.2229

Sweetspot

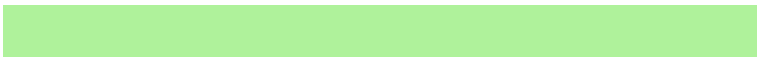
The Sweet Spot groups the original color and five complimentary colors.



87.0653, -32.2415, 5.5431



97.3008, -15.2561, 5.1410



86.6156, -37.3714, 31.4898



44.8721, -7.5961, 2.3739

0.0000, NaN, NaN



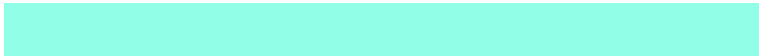
46.2646, -2.4686, 2.5136

Same Dimension

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



87.0653, -32.2415, 5.5431



91.2929, -38.6747, 6.4538



79.9630, -17.5475, -13.3236



42.2687, -6.0183, 2.2330



60.0944, -39.6596, 10.5010



17.3745, -11.1858, 2.4303

Inverse Universe

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



67.3632, 30.4562, 6.7942



66.7036, 40.1060, 8.3092



72.9154, 15.6014, 19.9866



39.7685, 1.8352, 2.3381



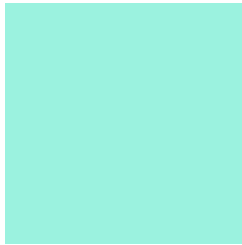
32.0857, 55.4273, 17.0151



9.3317, 16.2720, 3.7731

Previews

White Background



This preview shows how the HunterLab color 87.0635, -32.2404, 5.5419 looks on a white background.

Color Contrast Check

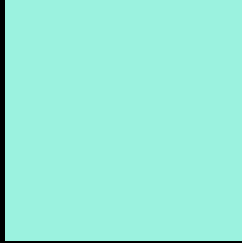
Large Text (above 18pt) WCAG AA × Fail

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 87.0635, -32.2404, 5.5419 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

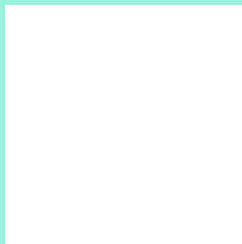
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.0635, -32.2404, 5.5419 Background



This preview shows how black text looks on a background with the HunterLab color 87.0635, -32.2404, 5.5419.



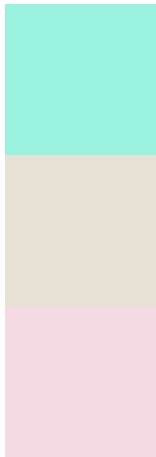
This preview shows how white text looks on a background with the HunterLab color 87.0635, -32.2404, 5.5419.

-32.2404, 5.5419.

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

87.0635, -32.2404, 5.5419

Protanopia

86.6628, -4.1417, 10.2611

Deuteranopia

86.6930, 6.2761, 3.3317



Tritanopia

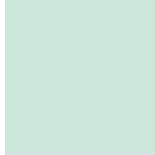
87.1179, -21.2008, -11.0768

Trichromacy



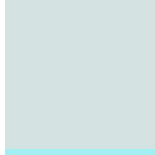
Original Color

87.0635, -32.2404, 5.5419



Protanomaly

86.5206, -15.8062, 8.0518



Deuteranomaly

86.2706, -9.5569, 3.5431



Tritanomaly

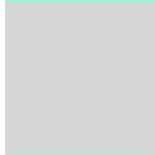
87.1123, -25.5173, -4.4807

Monochromacy



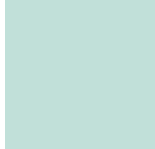
Original Color

87.0635, -32.2404, 5.5419



Achromatopsia

82.0026, -4.3755, 4.4554



Achromatomaly

83.4617, -15.2282, 4.5284

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.0635, -32.2404, 5.5419 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(155, 242, 223)` looks like.

```
.text, #text, p{  
    color:rgb(155, 242, 223)  
}
```

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(155, 242, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 242, 223) }
```

Border

The CSS property to change the border of an element to HunterLab 87.0635, -32.2404, 5.5419 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(155, 242, 223) }
```


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

```
.border{ border-color:rgb(155, 242, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 242, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 242, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 242, 223);  
box-shadow:4px 4px 4px 4px rgb(155, 242,  
223) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.0635, -32.2404, 5.5419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 242, 223) }
```

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

```
.background{ background-color: rgb(155,  
242, 223) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor