

# Converting Colors

HunterLab(85.8572, -28.8267,  
-3.4598)

Have a look what the booklet for  
HunterLab(85.8572, -28.8267,  
-3.4598) contains.

<b>HunterLab(85.8555, -28.8259, -3.4611)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(85.8555,  
-28.8259, -3.4611)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95EEEE
RGB	149, 238, 238
RGB Percent	58%, 93%, 93%
CMY	0.4157, 0.0667, 0.0667
CMYK	0.37, 0.00, 0.00, 0.07
HSL	180°, 72%, 76%
HSV	180°, 37%, 93%
XYZ	58.4016, 73.7117, 92.0386
YIQ	211.3890, -53.0440, -18.8680

# Conversions

## Conversions Part 2

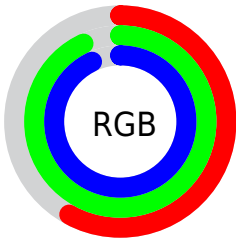
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	149, 194, 238
Decimal	9826030
CIE <sub>Lab</sub>	88.79, -26.59, -8.44
CIE <sub>LCh</sub>	89, 27.896, 197.604
Yxy	73.7146, 0.2605, 0.3288
Android (android.graphics.Color)	4288016110 (0xFF95EEEE)
YUV	211.3890, 13.1192, -54.7152
Hunter-Lab	85.8555, -28.8259, -3.4611

# Details

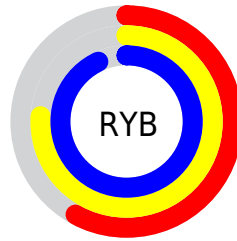
The HunterLab color **85.8555, -28.8259, -3.4611** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **64.6870, 28.7287, 14.2989**, and the grayscale version is **80.8405, -4.3134, 4.3922**.

A 20% lighter version of the original color is **95.9194, -19.8362, 0.2786**, and **62.5369, -24.9944, -3.8609** is the 20% darker color. If you saturate the color by 10%, you get **84.6758, -33.3035, -5.0452**, and if you desaturate by 10%, it is **87.2850, -23.5050, -1.5735**.

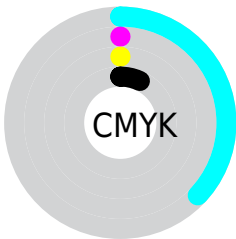
# Distribution



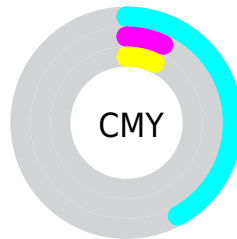
- Red (58%)
- Green (93%)
- Blue (93%)



- Red (58%)
- Yellow (76%)
- Blue (93%)



- Cyan (37%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (42%)
- Magenta (7%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 85.8555, -28.8259, -3.4611 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 85.8555, -28.8259, -3.4611 by changing the saturation by 10% instead.



85.8555, -28.8259,  
-3.4611

85.8555, -28.8259,  
-3.4611

217.5977,  
-45.5978, 0.9894

73.8651, -26.8549,  
-3.7524

111.5756,  
-32.6681, -2.7370

62.4899, -24.8357,  
-3.9942

125.2527,  
-34.5518, -2.3124

51.7673, -22.7550,  
-4.1807

139.4470,  
-36.4177, -1.8490

41.7397, -20.5927,  
-4.3064

154.1404,  
-38.2699, -1.3487

32.4589, -18.3196,  
-4.3643

169.3164,  
-40.1116, -0.8132

23.9909, -15.8899,  
-4.3455


184.9602,

16.4228, -13.2267,


-41.9454, -0.2442


-4.2390


201.0581,  
-43.7735, 0.3571


 9.8778, -12.3070,  
-4.0336


0.0000, NaN, -NF


 85.8555, -28.8259,  
-3.4611


 85.8555, -28.8259,  
-3.4611


 84.6758, -33.3035,  
-5.0452


 87.2850, -23.5050,  
-1.5735


 83.7345, -36.9203,  
-6.3249

 88.9617, -17.3733,  
0.6023

 83.0226, -39.6855,  
-7.3027

 90.8866, -10.4821,  
3.0505

 82.5247, -41.6354,  
-7.9918

 93.0563, -2.8930,  
5.7504

■ 82.2195, -42.8372,  
-8.4162

■ 94.1195, 0.7609,  
7.0514

■ 82.0758, -43.4048,  
-8.6164

■ 94.1195, 0.7610,  
7.0511

■ 82.0515, -43.5013,  
-8.6504

■ 94.1196, 0.7611,  
7.0508

■ 94.1196, 0.7613,  
7.0505

■ 94.1196, 0.7614,  
7.0502

# Harmonies

## Analogous

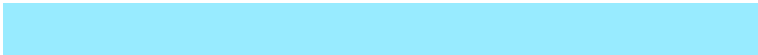
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.8572, -29.3881, 10.0042



85.8555, -28.8259, -3.4611



85.8572, -22.0362, -16.5316

# Triad

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



85.8572, -28.8267, -3.4598



85.8572, 16.2693, -14.5024



85.8572, 1.2851, 26.1580

# Complementary

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



85.8555, -28.8259, -3.4611



64.6870, 28.7287, 14.2989

# 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.



85.8572, 14.3804, 21.5543



85.8555, -28.8259, -3.4611



85.8572, 23.3969, -1.0227

# Square

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



85.8572, -28.8267, -3.4598



85.8572, 3.7305, -23.5772



85.8572, 22.6842, 12.0815



85.8572, -12.5970, 25.7206

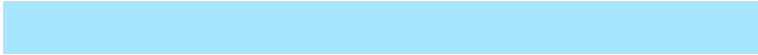


# Rectangle

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



85.8555, -28.8259, -3.4611



85.8572, -14.6288, -22.6147



85.8572, 22.6842, 12.0815



85.8572, 5.9413, 25.1839

# Sweetspot

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



85.8572, -28.8267, -3.4598



97.5001, -14.1447, 2.3007



83.5775, -42.3173, 30.5871



44.9758, -7.0167, 0.8965

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



85.8572, -28.8267, -3.4598



91.8352, -35.0186, -5.1029



71.8246, -8.0412, -22.6579



42.3426, -5.6068, 1.1788



61.2852, -32.4916, -6.4611



17.6764, -9.3714, -1.8637



# Inverse Universe

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



64.6870, 28.7287, 14.2989



64.7999, 39.2262, 17.8251



76.1947, 6.1441, 24.9317



39.6974, 1.4524, 3.3534



31.8450, 54.5355, 20.5772

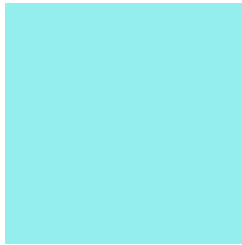


9.1850, 15.7296, 5.9348



# Previews

## White Background



This preview shows how the HunterLab color 85.8555, -28.8259, -3.4611 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

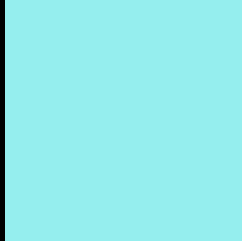
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 85.8555, -28.8259, -3.4611 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

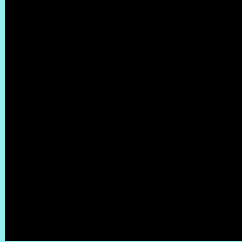
Any Text WCAG AA ✓ Pass

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 85.8555, -28.8259, -3.4611 Background



This preview shows how black text looks on a background with the HunterLab color 85.8555, -28.8259, -3.4611.



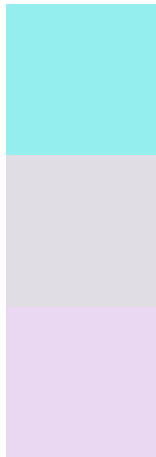
This preview shows how white text looks on a background with the HunterLab color 85.8555,

-28.8259, -3.4611.

# 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

85.8555, -28.8259, -3.4611

### Protanopia

85.5346, -2.3510, 1.7870

### Deuteranopia

85.4840, 6.3120, -6.0260



## Tritanopia

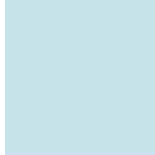
85.6415, -23.2855, -12.5503

# Trichromacy



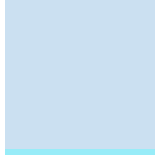
## Original Color

85.8555, -28.8259, -3.4611



## Protanomaly

85.2260, -12.8806, -0.8206



## Deuteranomaly

85.0639, -7.9288, -5.7270



## Tritanomaly

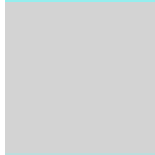
85.6993, -25.2358, -9.0743

# Monochromacy



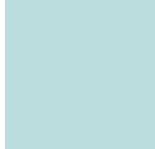
## Original Color

85.8555, -28.8259, -3.4611



## Achromatopsia

80.7097, -4.3065, 4.3851



## Achromatomaly

82.2343, -14.4393, 1.0992

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 85.8555, -28.8259, -3.4611 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(149, 238, 238)` looks like.

```
.text, #text, p{  
    color:rgb(149, 238, 238)  
}
```

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(149, 238, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 238, 238) }
```

## Border

The CSS property to change the border of an element to HunterLab 85.8555, -28.8259, -3.4611 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(149, 238, 238) }
```



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

```
.border{ border-color:rgb(149, 238, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 238, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 238, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 238, 238);  
box-shadow:4px 4px 4px 4px rgb(149, 238,  
238) }
```

# Background

The CSS property to change the background color of an element to HunterLab 85.8555, -28.8259, -3.4611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 238, 238) }
```

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

```
.background{ background-color: rgb(149,  
238, 238) }
```

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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