

# Converting Colors

HunterLab(101.4573, -33.8334,  
29.6296)

Have a look what the booklet for  
HunterLab(101.4573, -33.8334,  
29.6296) contains.

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# **Color**

**HunterLab(95.2875,  
-25.2907, 23.8900)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DBFFC9
RGB	219, 255, 201
RGB Percent	86%, 100%, 79%
CMY	0.1412, 0.0000, 0.2118
CMYK	0.14, 0.00, 0.21, 0.00
HSL	100°, 100%, 89%
HSV	100°, 21%, 100%
XYZ	75.5160, 90.7971, 68.8038
YIQ	238.0800, -4.1220, -24.4260

# Conversions

## Conversions Part 2

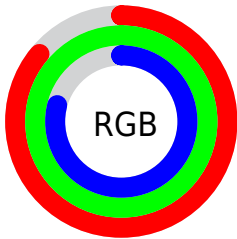
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	201, 255, 237
Decimal	14417865
CIE <sub>Lab</sub>	96.33, -21.07, 22.04
CIE <sub>LCh</sub>	96, 30.491, 133.711
Yxy	90.7974, 0.3212, 0.3862
Android (android.graphics.Color)	4292607945 (0xFFDBFFC9)
YUV	238.0800, -18.2804, -16.7332
Hunter-Lab	95.2875, -25.2907, 23.8900

# Details

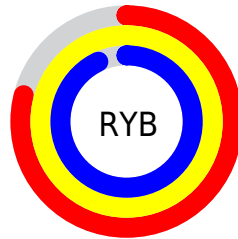
The HunterLab color  $95.2875, -25.2907, 23.8900$  is a light color, and the websafe version is hex  $CCFFCC$ . A complement of this color would be  $81.8529, 17.8326, -17.7793$ , and the grayscale version is  $92.5805, -4.9399, 5.0301$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $70.9840, -21.6987, 20.3038$  is the 20% darker color. If you saturate the color by 10%, you get  $93.3764, -33.6012, 31.0331$ , and if you desaturate by 10%, it is  $97.4021, -16.2415, 15.7163$ .

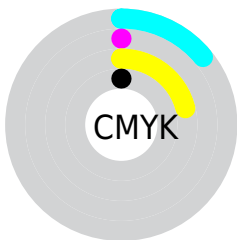
# Distribution



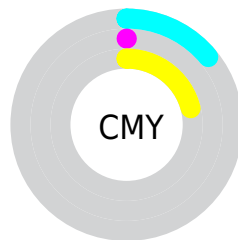
- Red (86%)
- Green (100%)
- Blue (79%)



- Red (79%)
- Yellow (100%)
- Blue (93%)



- Cyan (14%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)



- Cyan (14%)
- Magenta (0%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 95.2875, -25.2907, 23.8900 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 95.2875, -25.2907, 23.8900 by changing the saturation by 10% instead.



95.2875, -25.2907,  
23.8900

95.2875, -25.2907,  
23.8900

230.3522,  
-39.9507, 38.9821

82.8506, -23.6226,  
22.1552

121.8382,  
-28.5796, 27.2960

71.0073, -21.9322,  
20.3912

135.9070,  
-30.2100, 28.9788

59.7892, -20.2107,  
18.5871

150.4792,  
-31.8351, 30.6532

49.2334, -18.4467,  
16.7294

165.5379,  
-33.4573, 32.3219

39.3842, -16.6244,  
14.7988

181.0678,  
-35.0784, 33.9874

30.2968, -14.7197,  
12.7669

197.0552,

22.0410, -12.6945,

-36.7002, 35.6515

10.5903

213.4872,  
-38.3239, 37.3160

■ 14.7113, -10.4824,  
8.5766

■ 8.3689, -11.4176,  
5.8582

■ 95.2875, -25.2907,  
23.8900

■ 95.2875, -25.2907,  
23.8900

■ 93.3764, -33.6012,  
31.0331

■ 97.4021, -16.2415,  
15.7163

■ 91.6714, -41.1161,  
37.1052

■ 99.7153, -6.5198,  
6.5695

■ 90.1736, -47.7856,  
42.0803

■ 100.0000, -5.3358,  
5.4332

■ 88.8820, -53.5738,  
45.9562

■ 87.7930, -58.4624,  
48.7580

■ 86.8995, -62.4548,  
50.5457

■ 86.1912, -65.5824,  
51.4227

■ 85.7037, -67.6998,  
51.6250

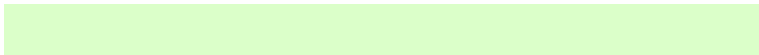
# Harmonies

## Analogous

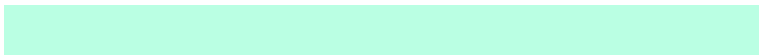
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.2876, -12.2212, 29.3164



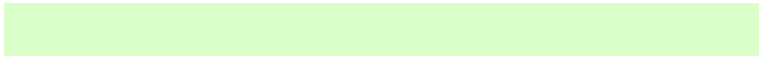
95.2875, -25.2907, 23.8900



95.2876, -32.6700, 12.9818

# Triad

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



95.2876, -25.2901, 23.8893



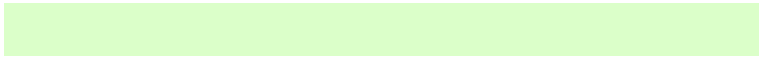
95.2876, -13.5060, -27.1286



95.2876, 26.4359, 11.8195

# Complementary

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



95.2875, -25.2907, 23.8900



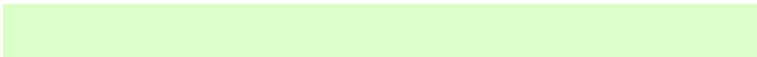
81.8529, 17.8326, -17.7793

# Split Complementary

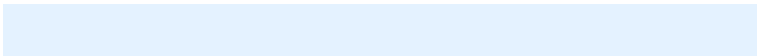
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.2876, 26.0356, -3.3280



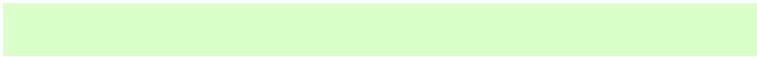
95.2875, -25.2907, 23.8900



95.2876, 2.2585, -27.5778

# Square

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



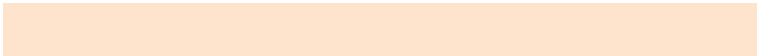
95.2876, -25.2901, 23.8893



95.2876, -26.1775, -17.1542



95.2876, 16.9482, -18.2961

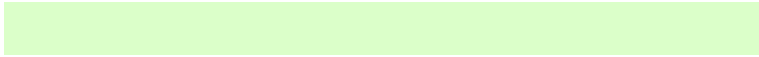


95.2876, 18.0087, 23.1591



# Rectangle

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



95.2875, -25.2907, 23.8900



95.2876, -33.6932, 3.2872



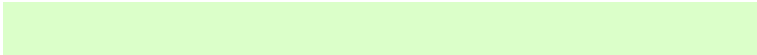
95.2876, 16.9482, -18.2961



95.2876, 27.3453, 7.0480

# Sweetspot

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



95.2876, -25.2901, 23.8893



98.5748, -11.2897, 11.0999



92.7609, -4.4095, 21.7614



45.5354, -5.5167, 5.4114

0.0000, NaN, NaN

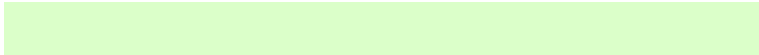


46.2646, -2.4686, 2.5136

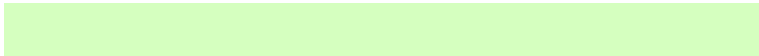


# Same Dimension

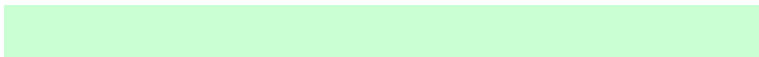
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.2876, -25.2901, 23.8893



94.5325, -28.5590, 26.7456



94.1228, -29.1541, 19.0788



45.2352, -6.7833, 6.5945



62.0099, -48.6909, 37.3578



19.4957, -14.5798, 11.7579



# Inverse Universe

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



81.8529, 17.8326, -17.7793



78.7661, 22.1198, -22.2920



83.4794, 22.3235, -10.0943



42.4020, 2.2864, -2.1472



28.8501, 62.4828, -82.7222

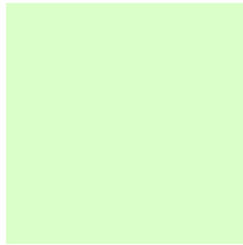


9.3284, 19.9128, -24.4958



# Previews

## White Background



This preview shows how the HunterLab color 95.2875, -25.2907, 23.8900 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

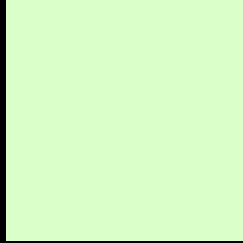
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 95.2875, -25.2907, 23.8900 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

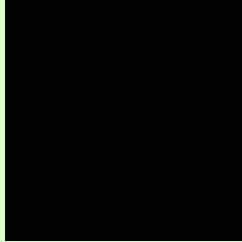
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

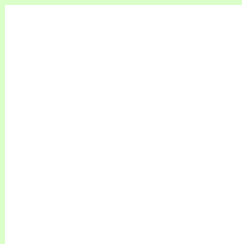
Any Text WCAG AAA ✓ Pass

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

## HunterLab 95.2875, -25.2907, 23.8900 Background



This preview shows how black text looks on a background with the HunterLab color 95.2875, -25.2907, 23.8900.



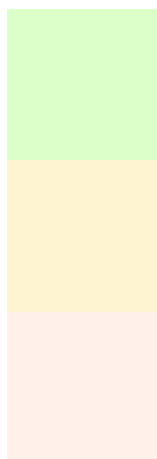
This preview shows how white text looks on a background with the HunterLab color 95.2875,

-25.2907, 23.8900.

# 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

95.2875, -25.2907, 23.8900

### Protanopia

95.1917, -6.7772, 20.5612

### Deuteranopia

94.9269, -1.4999, 9.8483

## **Tritanopia**

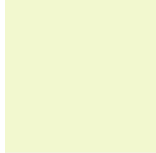
95.1469, -5.8660, -0.4276

# Trichromacy



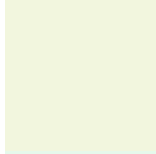
## Original Color

95.2875, -25.2907, 23.8900



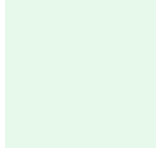
## Protanomaly

95.1404, -13.6855, 21.5980



## Deuteranomaly

94.9014, -10.4169, 15.1204



## Tritanomaly

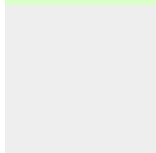
95.1696, -13.6776, 9.4381

# Monochromacy



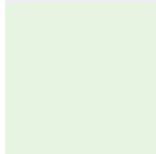
## Original Color

95.2875, -25.2907, 23.8900



## Achromatopsia

92.4658, -4.9337, 5.0238



## Achromatomaly

93.3416, -12.4720, 12.0508

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 95.2875, -25.2907, 23.8900 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(219, 255, 201)` looks like.

```
.text, #text, p{  
    color:rgb(219, 255, 201)  
}
```

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(219, 255, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 255, 201) }
```

## Border

The CSS property to change the border of an element to HunterLab 95.2875, -25.2907, 23.8900 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(219, 255, 201) }
```



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

```
.border{ border-color:rgb(219, 255, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 255, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 255, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 255, 201);  
box-shadow:4px 4px 4px 4px rgb(219, 255,  
201) }
```

# Background

The CSS property to change the background color of an element to HunterLab 95.2875, -25.2907, 23.8900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 255, 201) }
```

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

```
.background{ background-color: rgb(219,  
255, 201) }
```

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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