

# Converting Colors

HunterLab(103.3855, -34.4747,  
24.7589)

Have a look what the booklet for  
HunterLab(103.3855, -34.4747,  
24.7589) contains.

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# Color

**HunterLab(95.5961,  
-23.2150, 16.9341)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9FFDB
RGB	217, 255, 219
RGB Percent	85%, 100%, 86%
CMY	0.1490, 0.0000, 0.1412
CMYK	0.15, 0.00, 0.14, 0.00
HSL	123°, 100%, 93%
HSV	123°, 15%, 100%
XYZ	77.1614, 91.3861, 80.5903
YIQ	239.5340, -11.0920, -19.2520

# Conversions

## Conversions Part 2

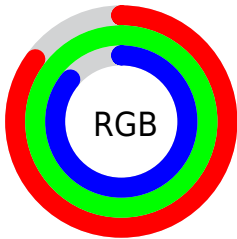
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	217, 253, 255
Decimal	14286811
CIE <sub>Lab</sub>	96.57, -18.78, 13.17
CIE <sub>LCh</sub>	97, 22.934, 144.952
Yxy	91.3865, 0.3097, 0.3668
Android (android.graphics.Color)	4292476891 (0xFFD9FFDB)
YUV	239.5340, -10.1233, -19.7623
Hunter-Lab	95.5961, -23.2150, 16.9341

# Details

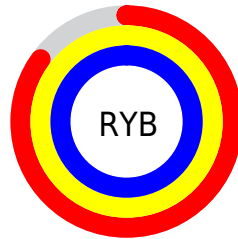
The HunterLab color  $95.5961, -23.2150, 16.9341$  is a light color, and the websafe version is hex  $CCFFCC$ . A complement of this color would be  $88.3053, 14.8239, -7.7210$ , and the grayscale version is  $93.1886, -4.9723, 5.0631$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $71.2390, -19.9439, 14.3170$  is the 20% darker color. If you saturate the color by 10%, you get  $93.0562, -33.9362, 23.9099$ , and if you desaturate by 10%, it is  $98.4717, -11.4444, 9.3468$ .

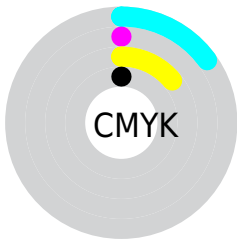
# Distribution



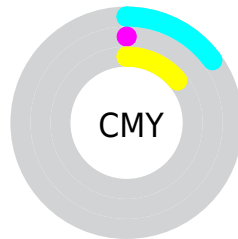
- Red (85%)
- Green (100%)
- Blue (86%)



- Red (85%)
- Yellow (99%)
- Blue (100%)



- Cyan (15%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)



- Cyan (15%)
- Magenta (0%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 95.5961, -23.2150, 16.9341 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 95.5961, -23.2150, 16.9341 by changing the saturation by 10% instead.



95.5961, -23.2150,  
16.9341

95.5961, -23.2150,  
16.9341

230.7663,  
-37.0426, 28.7866

83.1452, -21.6603,  
15.6470

122.1732,  
-26.2931, 19.5133

71.2871, -20.0900,  
14.3586

136.2544,  
-27.8250, 20.8111

60.0535, -18.4965,  
13.0638

150.8385,  
-29.3554, 22.1163

49.4811, -16.8704,  
11.7559

165.9088,  
-30.8863, 23.4301

39.6143, -15.1980,  
10.4257

181.4500,  
-32.4192, 24.7534

30.5075, -13.4589,  
9.0588

197.4483,

22.2307, -11.6210,

-33.9555, 26.0869

7.6323

213.8910,  
-35.4964, 27.4311

■ 14.8771, -9.6277,  
6.1064

■ 8.5277, -10.0492,  
5.9694

■ 95.5961, -23.2150,  
16.9341

■ 95.5961, -23.2150,  
16.9341

■ 93.0562, -33.9362,  
23.9099

■ 98.4717, -11.4444,  
9.3468

■ 90.8601, -43.4751,  
30.1872

100.0000, -5.3358,  
5.4332

■ 89.0118, -51.7138,  
35.6853

■ 87.5096, -58.5648,  
40.3408

■ 86.3450, -63.9824,  
44.1142

■ 85.5016, -67.9736,  
46.9962

■ 84.9536, -70.6079,  
49.0138

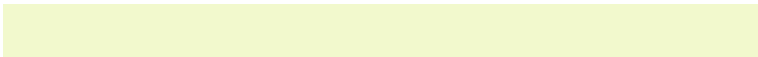
■ 84.6635, -72.0295,  
50.2344

■ 84.5873, -72.4063,  
50.5776

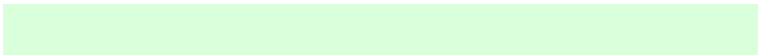
# Harmonies

## Analogous

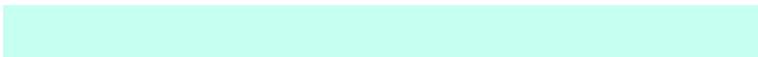
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.5963, -14.6155, 22.9894



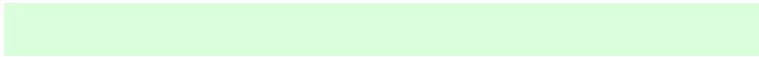
95.5961, -23.2150, 16.9341



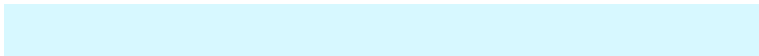
95.5963, -26.9527, 7.1085

# Triad

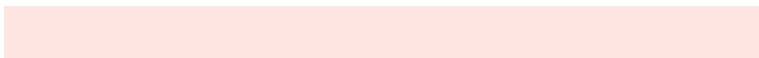
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.5963, -23.2143, 16.9334



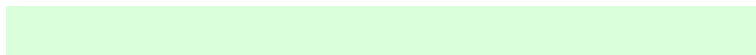
95.5963, -7.1210, -19.2543



95.5963, 16.6514, 13.9802

# Complementary

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



95.5961, -23.2150, 16.9341



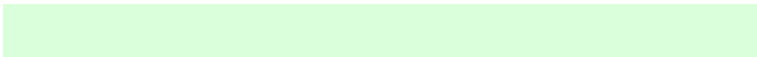
88.3053, 14.8239, -7.7210

# 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.



95.5963, 18.8980, 3.2586



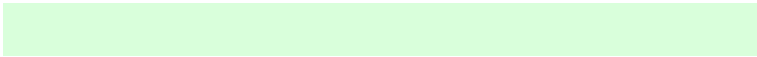
95.5961, -23.2150, 16.9341



95.5963, 4.7906, -16.8323

# Square

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



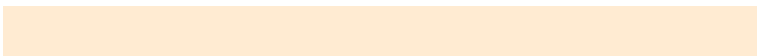
95.5963, -23.2143, 16.9334



95.5963, -17.9573, -14.4950



95.5963, 14.4595, -8.2313

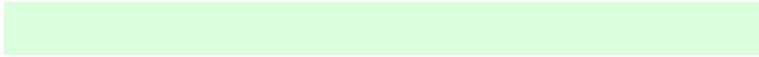


95.5963, 8.4624, 21.4369



# Rectangle

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



95.5961, -23.2150, 16.9341



95.5963, -26.3257, -0.6148



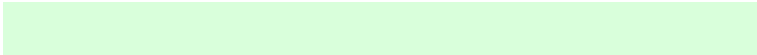
95.5963, 14.4595, -8.2313



95.5963, 18.1431, 10.6777

# Sweetspot

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



95.5963, -23.2143, 16.9334



98.7470, -10.3368, 8.6361



98.7073, -12.1013, 21.1795



45.5785, -5.2101, 4.2700

0.0000, NaN, NaN

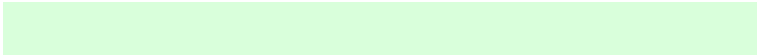


46.2646, -2.4686, 2.5136

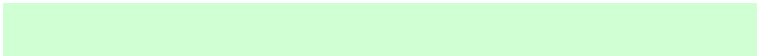


# Same Dimension

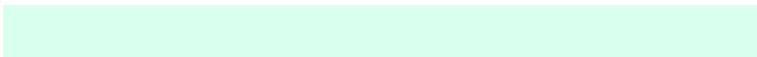
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.5963, -23.2143, 16.9334



94.7729, -26.6551, 19.1647



96.1453, -20.1120, 9.0575



44.9262, -7.8573, 5.9723



61.1497, -52.3070, 36.4841



19.0945, -16.2360, 11.1825



# Inverse Universe

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



88.3053, 14.8239, -7.7210



86.0089, 19.1006, -10.4877



87.6543, 11.3892, 1.5074



42.7585, 3.4421, -1.3527



38.0164, 73.8992, -43.6119

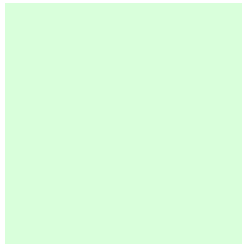


11.8830, 23.1305, -13.8760



# Previews

## White Background



This preview shows how the HunterLab color 95.5961, -23.2150, 16.9341 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

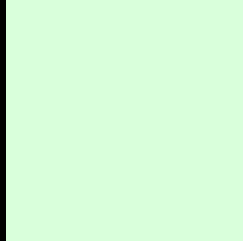
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 95.5961, -23.2150, 16.9341 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

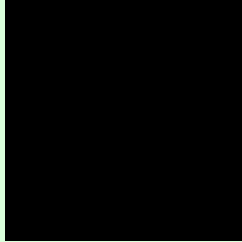
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

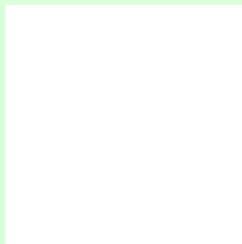
Any Text WCAG AAA ✓ Pass

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

## HunterLab 95.5961, -23.2150, 16.9341 Background



This preview shows how black text looks on a background with the HunterLab color 95.5961, -23.2150, 16.9341.



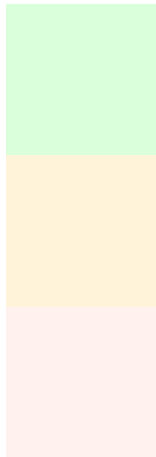
This preview shows how white text looks on a background with the HunterLab color 95.5961,

-23.2150,16.9341.

# 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

95.5961, -23.2150, 16.9341

### Protanopia

95.3788, -5.7498, 17.8642

### Deuteranopia

95.3611, -1.3655, 8.4451



## Tritanopia

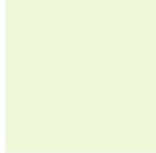
95.3753, -6.7057, -0.1605

# Trichromacy



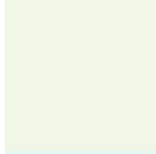
## Original Color

95.5961, -23.2150, 16.9341



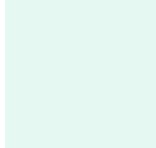
## Protanomaly

95.3402, -12.3892, 17.2823



## Deuteranomaly

95.3896, -9.8195, 11.6163



## Tritanomaly

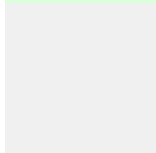
95.2996, -12.7809, 6.2367

# Monochromacy



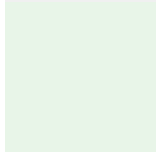
## Original Color

95.5961, -23.2150, 16.9341



## Achromatopsia

93.3470, -4.9808, 5.0717



## Achromatomaly

93.9611, -11.5106, 9.5234

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 95.5961, -23.2150, 16.9341 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(217, 255, 219)` looks like.

```
.text, #text, p{  
    color:rgb(217, 255, 219)  
}
```

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(217, 255, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 255, 219) }
```

## Border

The CSS property to change the border of an element to HunterLab 95.5961, -23.2150, 16.9341 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(217, 255, 219) }
```



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

```
.border{ border-color:rgb(217, 255, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 255, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 255, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 255, 219);  
box-shadow:4px 4px 4px 4px rgb(217, 255,  
219) }
```

# Background

The CSS property to change the background color of an element to HunterLab 95.5961, -23.2150, 16.9341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 255, 219) }
```

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

```
.background{ background-color: rgb(217,  
255, 219) }
```

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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