

# Converting Colors

HunterLab(95.3057, -20.9559,  
12.8833)

Have a look what the booklet for  
HunterLab(95.3057, -20.9559,  
12.8833) contains.

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# Color

**HunterLab(95.1860,  
-20.7837, 12.5702)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9FDE4
RGB	217, 253, 228
RGB Percent	85%, 99%, 89%
CMY	0.1490, 0.0078, 0.1059
CMYK	0.14, 0.00, 0.10, 0.01
HSL	138°, 90%, 92%
HSV	138°, 14%, 99%
XYZ	77.7442, 90.6037, 86.7896
YIQ	239.3860, -13.4310, -15.4070

# Conversions

## Conversions Part 2

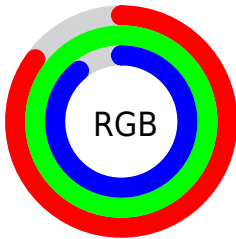
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	217, 245, 253
Decimal	14286308
CIE <sub>Lab</sub>	96.25, -16.22, 8.09
CIE <sub>LCh</sub>	96, 18.124, 153.483
Yxy	90.6076, 0.3047, 0.3551
Android (android.graphics.Color)	4292476388 (0xFFD9FDE4)
YUV	239.3860, -5.6133, -19.6325
Hunter-Lab	95.1860, -20.7837, 12.5702

# Details

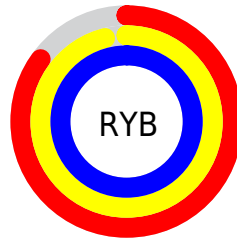
The HunterLab color  $95.1860, -20.7837, 12.5702$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $87.7049, 12.0852, -2.5363$ , and the grayscale version is  $93.1063, -4.9679, 5.0586$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $70.8367, -17.6680, 10.2492$  is the 20% darker color. If you saturate the color by 10%, you get  $92.7881, -30.6484, 17.4981$ , and if you desaturate by 10%, it is  $97.8838, -10.0588, 7.5358$ .

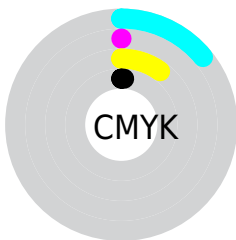
# Distribution



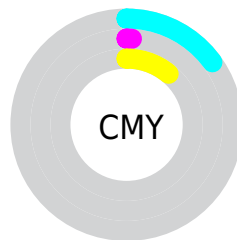
- Red (85%)
- Green (99%)
- Blue (89%)



- Red (85%)
- Yellow (96%)
- Blue (99%)



- Cyan (14%)
- Magenta (0%)
- Yellow (10%)
- Black (1%)



- Cyan (15%)
- Magenta (1%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 95.1860, -20.7837, 12.5702 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 95.1860, -20.7837, 12.5702 by changing the saturation by 10% instead.



95.1860, -20.7837,  
12.5702

95.1860, -20.7837,  
12.5702

230.2184,  
-33.6920, 22.6396

82.7555, -19.3562,  
11.5287

121.7301,  
-23.6323, 14.6992

70.9170, -17.9175,  
10.4983

135.7949,  
-25.0553, 15.7856

59.7039, -16.4639,  
9.4785

150.3631,  
-26.4808, 16.8877

49.1534, -14.9874,  
8.4665

165.4181,  
-27.9104, 18.0057

39.3100, -13.4769,  
7.4579

180.9444,  
-29.3454, 19.1398

30.2288, -11.9155,  
6.4460

196.9282,

21.9799, -10.2761,

-30.7868, 20.2902

5.4194

213.3568,  
-32.2355, 21.4568

■ 14.6579, -8.5113,  
4.3572

■ 8.3170, -8.9412,  
4.4857

■ 95.1860, -20.7837,  
12.5702

■ 95.1860, -20.7837,  
12.5702

■ 92.7881, -30.6484,  
17.4981

■ 97.8838, -10.0588,  
7.5358

■ 90.6909, -39.5388,  
22.2607

■ 99.3650, -4.2774,  
4.7020

■ 88.9000, -47.3606,  
26.8018

■ 87.4141, -54.0389,  
31.0633

■ 86.2268, -59.5283,  
34.9905

■ 85.3254, -63.8217,  
38.5344

■ 84.6896, -66.9584,  
41.6550

■ 84.2897, -69.0341,  
44.3216

■ 84.1392, -69.8578,  
45.6363

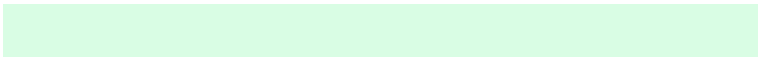
# Harmonies

## Analogous

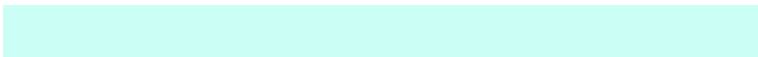
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.1880, -14.8913, 18.4854



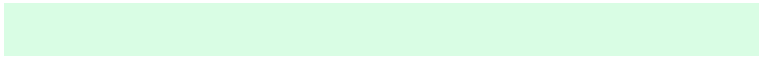
95.1860, -20.7837, 12.5702



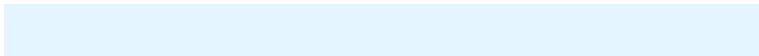
95.1880, -22.5306, 4.1264

# Triad

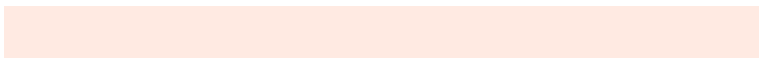
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.1880, -20.7856, 12.5715



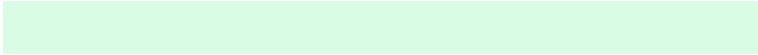
95.1880, -3.9789, -13.7125



95.1880, 10.5309, 14.2225

# Complementary

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



95.1860, -20.7837, 12.5702



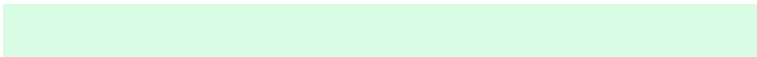
87.7049, 12.0852, -2.5363

# 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.



95.1880, 13.7172, 6.2243



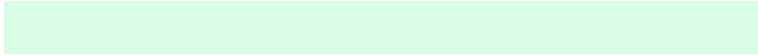
95.1860, -20.7837, 12.5702



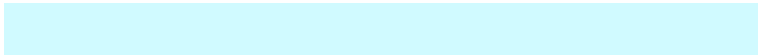
95.1880, 5.1369, -10.3722

# Square

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



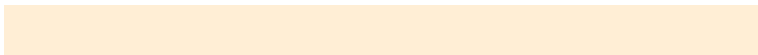
95.1880, -20.7856, 12.5715



95.1880, -13.0521, -11.5979



95.1880, 11.7061, -2.8534

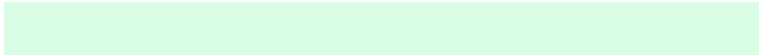


95.1880, 3.1550, 19.3714

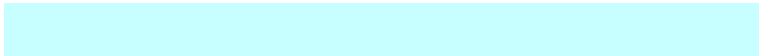


# Rectangle

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



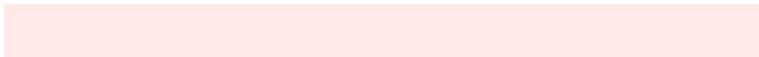
95.1860, -20.7837, 12.5702



95.1880, -21.1646, -1.9582



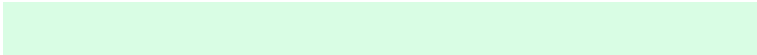
95.1880, 11.7061, -2.8534



95.1880, 12.1402, 11.8074

# Sweetspot

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



95.1880, -20.7856, 12.5715



98.8274, -9.8921, 7.4863



97.0450, -14.6981, 19.4342



45.6225, -4.9668, 3.6417

0.0000, NaN, NaN

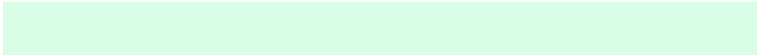


46.2646, -2.4686, 2.5136

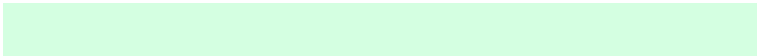


# Same Dimension

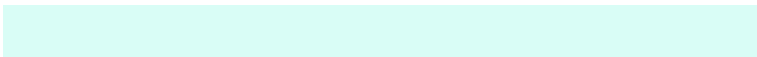
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.1880, -20.7856, 12.5715



95.3392, -23.8273, 14.0778



95.7329, -17.7198, 4.7788



45.0106, -7.3853, 4.7632



61.3846, -50.8349, 33.0125



19.2024, -15.5613, 9.5910



# Inverse Universe

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



87.7049, 12.0852, -2.5363



86.3529, 15.6690, -4.0607



87.1224, 8.9955, 5.7517



42.6618, 2.9247, 0.0199



35.7732, 65.9823, -13.4698



11.2496, 20.9000, -5.4029



# Previews

## White Background



This preview shows how the HunterLab color 95.1860, -20.7837, 12.5702 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

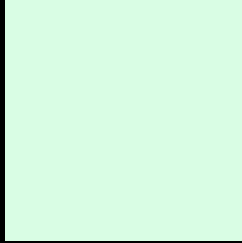
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 95.1860, -20.7837, 12.5702 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

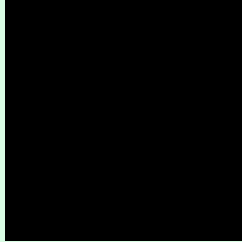
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

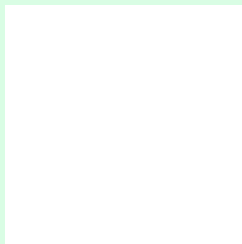
Any Text WCAG AAA ✓ Pass

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

## HunterLab 95.1860, -20.7837, 12.5702 Background



This preview shows how black text looks on a background with the HunterLab color 95.1860, -20.7837, 12.5702.



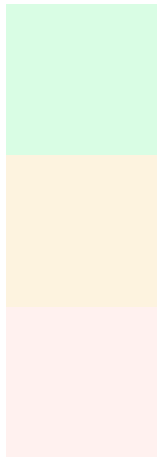
This preview shows how white text looks on a background with the HunterLab color 95.1860,

-20.7837,12.5702.

# 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

95.1860, -20.7837, 12.5702

### Protanopia

95.0324, -5.0016, 14.9157

### Deuteranopia

95.0803, -0.6659, 7.6541



## Tritanopia

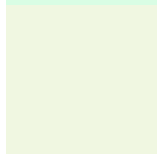
94.9668, -6.4945, -0.6614

# Trichromacy



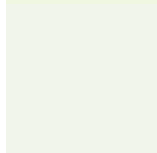
## Original Color

95.1860, -20.7837, 12.5702



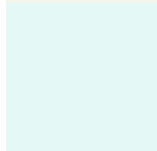
## Protanomaly

95.1226, -11.1134, 14.0192



## Deuteranomaly

94.8703, -8.1197, 9.1965



## Tritanomaly

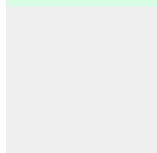
94.9849, -12.0433, 4.3958

# Monochromacy



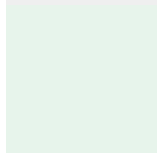
## Original Color

95.1860, -20.7837, 12.5702



## Achromatopsia

92.9063, -4.9572, 5.0478



## Achromatomaly

93.6421, -10.8043, 7.7484

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 95.1860, -20.7837, 12.5702 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, 253, 228)` looks like.

```
.text, #text, p{  
    color:rgb(217, 253, 228)  
}
```

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, 253, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 253, 228) }
```

## Border

The CSS property to change the border of an element to HunterLab 95.1860, -20.7837, 12.5702 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, 253, 228) }
```



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

```
.border{ border-color:rgb(217, 253, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 253, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 253, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 253, 228);  
box-shadow:4px 4px 4px 4px rgb(217, 253,  
228) }
```

# Background

The CSS property to change the background color of an element to HunterLab 95.1860, -20.7837, 12.5702 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 253, 228) }
```

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

```
.background{ background-color: rgb(217,  
253, 228) }
```

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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