

# Converting Colors

HunterLab(90.7869, -17.3596,  
-6.1468)

Have a look what the booklet for  
HunterLab(90.7869, -17.3596,  
-6.1468) contains.

|  |    |
|--|----|
| <b>HunterLab(90.9168, -17.5620, -5.9819)</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(90.9168,  
-17.5620, -5.9819)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | C1F3FF                      |
| RGB         | 193, 243, 255               |
| RGB Percent | 76%, 95%, 100%              |
| CMY         | 0.2431, 0.0470, 0.0000      |
| CMYK        | 0.24, 0.05, 0.00, 0.00      |
| HSL         | 192°, 100%, 88%             |
| HSV         | 192°, 24%, 100%             |
| XYZ         | 72.0929, 82.6586, 106.7627  |
| YIQ         | 229.4180, -33.6520, -6.8680 |

# Conversions

## Conversions Part 2

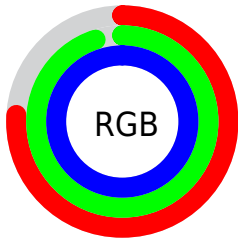
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 193, 221, 255                  |
| Decimal                             | 12710911                       |
| CIE <sub>Lab</sub>                  | 92.87, -13.26, -10.99          |
| CIE <sub>LCh</sub>                  | 93, 17.222, 219.667            |
| Yxy                                 | 82.6619, 0.2757,<br>0.3161     |
| Android<br>(android.graphics.Color) | 4290900991<br>(0xFFC1F3FF)     |
| YUV                                 | 229.4180, 12.6119,<br>-31.9386 |
| Hunter-Lab                          | 90.9168, -17.5620,<br>-5.9819  |

# Details

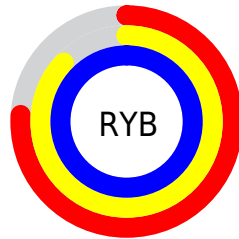
The HunterLab color  $90.9168, -17.5620, -5.9819$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $82.9290, 11.3502, 15.2272$ , and the grayscale version is  $88.6592, -4.7306, 4.8170$ .

A 20% lighter version of the original color is  $99.5309, -6.9714, 4.8511$ , and  $67.0978, -15.1471, -6.1290$  is the 20% darker color. If you saturate the color by 10%, you get  $87.5676, -21.3815, -10.4723$ , and if you desaturate by 10%, it is  $94.4987, -13.0080, -1.3564$ .

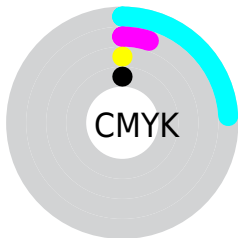
# Distribution



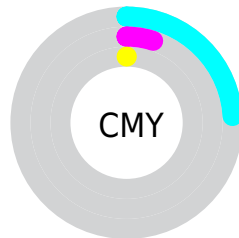
- Red (76%)
- Green (95%)
- Blue (100%)



- Red (76%)
- Yellow (87%)
- Blue (100%)



- Cyan (24%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (5%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 90.9168, -17.5620, -5.9819 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 90.9168, -17.5620, -5.9819 by changing the saturation by 10% instead.



90.9168, -17.5620,  
-5.9819

90.9168, -17.5620,  
-5.9819

224.4680,  
-29.3866, -2.1716

78.6837, -16.2775,  
-6.1922

117.0905,  
-20.1408, -5.4109

67.0530, -14.9889,  
-6.3521

130.9809,  
-21.4364, -5.0607

56.0595, -13.6931,  
-6.4549

145.3809,  
-22.7389, -4.6699

45.7428, -12.3836,  
-6.4952

160.2730,  
-24.0493, -4.2405

36.1503, -11.0506,  
-6.4667

175.6415,  
-25.3686, -3.7745

27.3417, -9.6795,  
-6.3618

191.4721,

19.3942, -8.2454,

-26.6976, -3.2733

-6.1724

207.7516,  
-28.0368, -2.7386

■ 12.4136, -6.7031,  
-5.8940

■ 5.6330, -9.8578,  
-7.8659

■ 90.9168, -17.5620,  
-5.9819

■ 90.9168, -17.5620,  
-5.9819

■ 87.5676, -21.3815,  
-10.4723

■ 94.4987, -13.0080,  
-1.3564

■ 84.4551, -24.3997,  
-14.8038

■ 98.2973, -7.7808,  
3.3695

■ 81.5882, -26.5650,  
-18.9420

■ 100.0000, -5.3358,  
5.4332

■ 78.9708, -27.8396,  
-22.8559

■ 76.6018, -28.2091,  
-26.5189

■ 74.4730, -27.6932,  
-29.9147

■ 72.5658, -26.3601,  
-33.0462

■ 71.5543, -25.3357,  
-34.7442

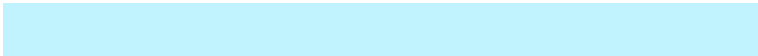
# Harmonies

## Analogous

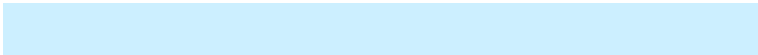
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.9186, -21.0000, 2.1939



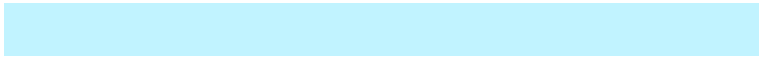
90.9168, -17.5620, -5.9819



90.9186, -10.6825, -11.5411

# Triad

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



90.9186, -17.5636, -5.9797



90.9186, 11.6236, -0.8457



90.9186, -7.6905, 19.4784

# Complementary

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



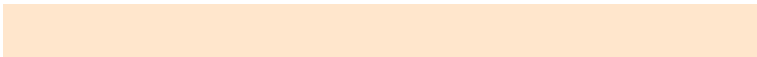
90.9168, -17.5620, -5.9819



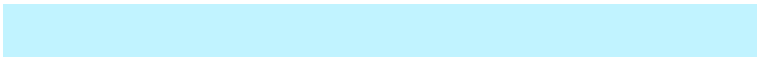
82.9290, 11.3502, 15.2272

# 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.



90.9186, 1.1209, 18.8323



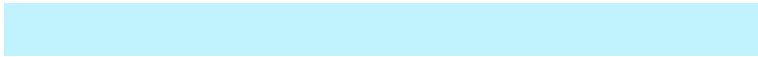
90.9168, -17.5620, -5.9819



90.9186, 12.4994, 7.6203

# Square

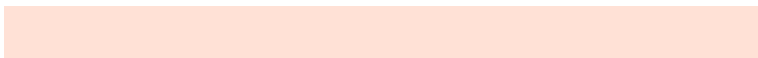
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.9186, -17.5636, -5.9797



90.9186, 6.2410, -8.3864



90.9186, 8.5901, 14.6695

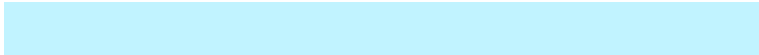


90.9186, -15.4451, 16.5276

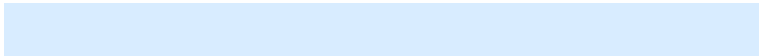


# Rectangle

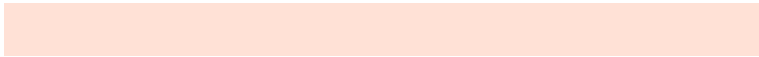
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



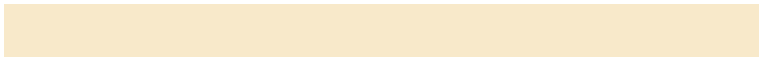
90.9168, -17.5620, -5.9819



90.9186, -4.9547, -12.7344



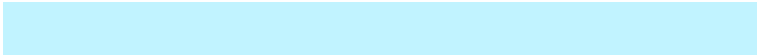
90.9186, 8.5901, 14.6695



90.9186, -4.7574, 19.6677

# Sweetspot

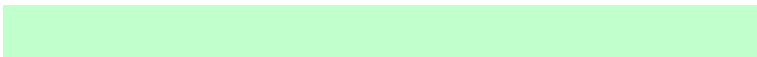
The Sweet Spot groups the original color and five complimentary colors.



90.9186, -17.5636, -5.9797



97.2556, -9.2478, 2.0908



93.3998, -32.1611, 20.5780



44.8876, -4.4281, 0.8348

0.0000, NaN, NaN

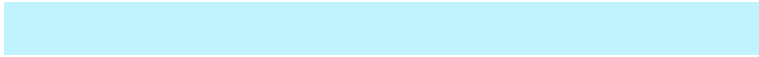


46.2646, -2.4686, 2.5136

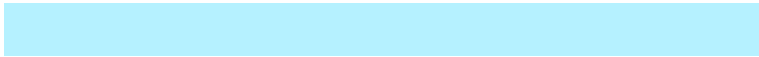


# Same Dimension

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



90.9186, -17.5636, -5.9797



89.3187, -19.4490, -8.1036



81.2177, -2.0308, -19.0545



44.5521, -4.8922, 0.4185



51.9282, -18.5922, -24.7705



16.6477, -6.3983, -6.9960



# Inverse Universe

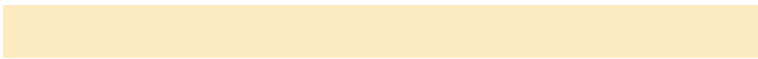
The Inverse Universe completely reimagines the original color for something new.



81.1619, 26.1894, -11.4760



77.8849, 32.3932, -14.6078



92.0531, -4.6472, 24.1448



42.7043, 3.1522, -0.5835



36.6744, 69.1900, -25.7887

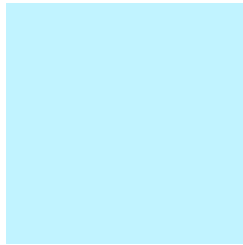


11.5079, 21.8166, -8.9118



# Previews

## White Background



This preview shows how the HunterLab color 90.9168, -17.5620, -5.9819 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

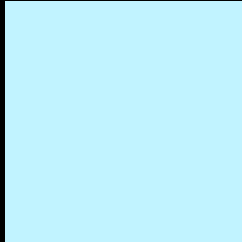
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 90.9168, -17.5620, -5.9819 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 90.9168, -17.5620, -5.9819 Background



This preview shows how black text looks on a background with the HunterLab color 90.9168, -17.5620, -5.9819.



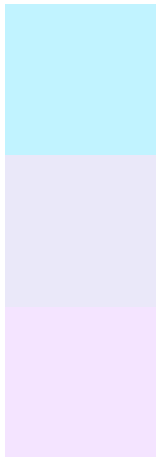
This preview shows how white text looks on a background with the HunterLab color 90.9168,

-17.5620, -5.9819.

# 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

90.9168, -17.5620, -5.9819

### Protanopia

90.5788, -1.0825, -2.8688

### Deuteranopia

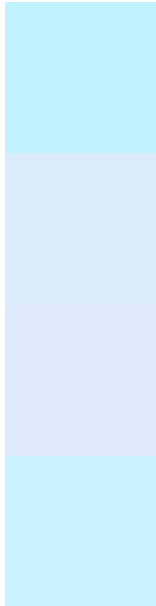
90.5207, 5.4591, -6.0930



## Tritanopia

90.8401, -12.8007, -5.9979

# Trichromacy



## Original Color

90.9168, -17.5620, -5.9819

## Protanomaly

90.5627, -7.4630, -4.0773

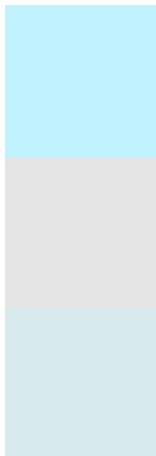
## Deuteranomaly

90.2803, -3.2959, -6.5593

## Tritanomaly

90.8560, -14.4143, -6.0056

# Monochromacy



## Original Color

90.9168, -17.5620, -5.9819

## Achromatopsia

88.5177, -4.7231, 4.8093

## Achromatomaly

89.2287, -9.7666, 1.0629

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 90.9168, -17.5620, -5.9819 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(193, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(193, 243, 255)  
}
```

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(193, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 243, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 90.9168, -17.5620, -5.9819 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(193, 243, 255) }
```



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

```
.border{ border-color:rgb(193, 243, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(193, 243,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 90.9168, -17.5620, -5.9819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 243, 255) }
```

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

```
.background{ background-color: rgb(193,  
243, 255) }
```

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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