

# Converting Colors

HunterLab(93.7293, -17.6734,  
-2.3995)

Have a look what the booklet for  
HunterLab(93.7293, -17.6734,  
-2.3995) contains.

<b>HunterLab(93.7063, -17.6383, -2.4277)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(93.7063,  
-17.6383, -2.4277)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CCF9FF
RGB	204, 249, 255
RGB Percent	80%, 98%, 100%
CMY	0.2000, 0.0235, 0.0000
CMYK	0.20, 0.02, 0.00, 0.00
HSL	187°, 100%, 90%
HSV	187°, 20%, 100%
XYZ	76.8275, 87.8087, 107.5072
YIQ	236.2290, -28.7460, -7.6740

# Conversions

## Conversions Part 2

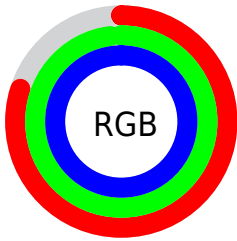
<b>Format</b>	<b>Color</b>
<b>RYB</b>	204, 228, 255
Decimal	13433343
CIELab	95.08, -13.04, -7.63
CIELCh	95, 15.107, 210.355
Yxy	87.8122, 0.2823, 0.3227
Android (android.graphics.Color)	4291623423 (0xFFCCCF9FF)
YUV	236.2290, 9.2541, -28.2648
Hunter-Lab	93.7063, -17.6383, -2.4277

# Details

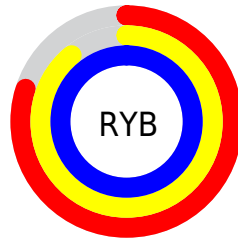
The HunterLab color **93.7063, -17.6383, -2.4277** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **84.6828, 10.2858, 12.3632**, and the grayscale version is **91.6580, -4.8906, 4.9800**.

A 20% lighter version of the original color is **100.0000, -5.3358, 5.4332**, and **69.7185, -15.3520, -2.7431** is the 20% darker color. If you saturate the color by 10%, you get **90.9179, -22.6882, -6.0703**, and if you desaturate by 10%, it is **96.7385, -11.8338, 1.4185**.

# Distribution



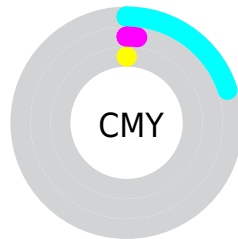
- Red (80%)
- Green (98%)
- Blue (100%)



- Red (80%)
- Yellow (89%)
- Blue (100%)



- Cyan (20%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (2%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 93.7063, -17.6383, -2.4277 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 93.7063, -17.6383, -2.4277 by changing the saturation by 10% instead.



93.7063, -17.6383,  
-2.4277

93.7063, -17.6383,  
-2.4277

228.2297,  
-29.3995, 2.4743

81.3434, -16.3648,  
-2.7797

120.1231,  
-20.1989, -1.5882

69.5762, -15.0884,  
-3.0869

134.1280,  
-21.4866, -1.1102

58.4384, -13.8067,  
-3.3432

148.6385,  
-22.7817, -0.5955

47.9679, -12.5138,  
-3.5438

163.6375,  
-24.0854, -0.0457

38.2103, -11.2011,  
-3.6827

179.1096,  
-25.3984, 0.5374

29.2222, -9.8555,  
-3.7525

195.0407,

21.0760, -8.4555,

-26.7214, 1.1526

-3.7433

211.4180,  
-28.0550, 1.7986

■ 13.8699, -6.9630,  
-3.6426

■ 7.5006, -7.9737,  
-3.9030

■ 93.7063, -17.6383,  
-2.4277

■ 93.7063, -17.6383,  
-2.4277

■ 90.9179, -22.6882,  
-6.0703

■ 96.7385, -11.8338,  
1.4185

■ 88.3740, -26.9189,  
-9.4879

100.0000, -5.3358,  
5.4332

■ 86.0802, -30.2836,  
-12.6515

■ 84.0367, -32.7506,  
-15.5385

■ 82.2389, -34.3115,  
-18.1328

■ 80.6761, -34.9883,  
-20.4288

■ 79.3295, -34.8431,  
-22.4363

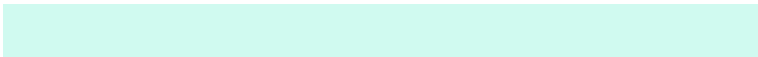
■ 78.1558, -34.0390,  
-24.2073

■ 78.1557, -34.0390,  
-24.2075

# Harmonies

## Analogous

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



93.7082, -19.5832, 5.0122



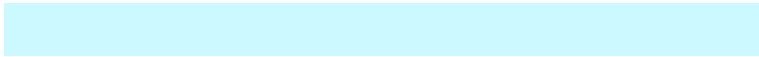
93.7063, -17.6383, -2.4277



93.7082, -12.3328, -8.2127

# Triad

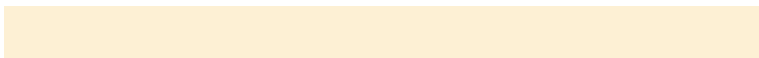
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



93.7082, -17.6401, -2.4255



93.7082, 8.4353, -2.2597



93.7082, -5.0982, 18.3161

# Complementary

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



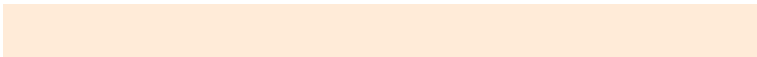
93.7063, -17.6383, -2.4277



84.6828, 10.2858, 12.3632

# 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.



93.7082, 2.5550, 16.7086



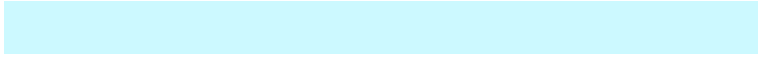
93.7063, -17.6383, -2.4277



93.7082, 10.5226, 5.1893

# Square

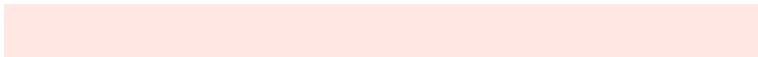
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.7082, -17.6401, -2.4255



93.7082, 2.7215, -8.1116



93.7082, 8.3370, 12.0503



93.7082, -12.4891, 16.6317

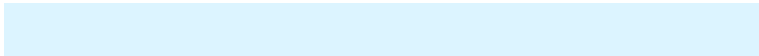


# Rectangle

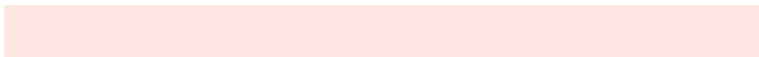
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.7063, -17.6383, -2.4277



93.7082, -7.5131, -10.1377



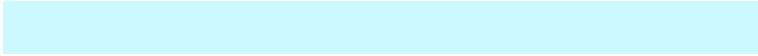
93.7082, 8.3370, 12.0503



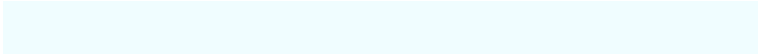
93.7082, -2.4704, 18.1444

# Sweetspot

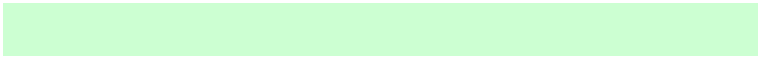
The Sweet Spot groups the original color and five complimentary colors.



93.7082, -17.6401, -2.4255



98.0156, -9.3143, 3.0051



94.3443, -28.3304, 19.3402



45.2488, -4.5030, 1.2696

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

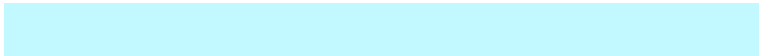


# Same Dimension

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



93.7082, -17.6401, -2.4255



92.5625, -19.7543, -3.9093



85.5151, -4.6059, -12.9808



44.8278, -5.3335, 0.7464



56.6234, -24.7690, -17.3051



17.9459, -8.0813, -4.9855



# Inverse Universe

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



84.4315, 21.2346, -10.5401



81.5597, 26.6676, -13.7199



92.3553, -3.1804, 20.1781



42.7334, 3.3079, -0.9967



37.3693, 71.6381, -35.0924



11.7032, 22.5032, -11.5155



# Previews

## White Background



This preview shows how the HunterLab color 93.7063, -17.6383, -2.4277 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

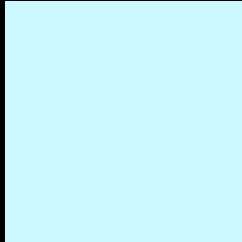
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 93.7063, -17.6383, -2.4277 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

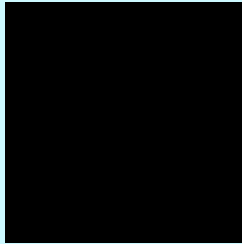
Any Text WCAG AA ✓ Pass

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 93.7063, -17.6383, -2.4277 Background



This preview shows how black text looks on a background with the HunterLab color 93.7063, -17.6383, -2.4277.



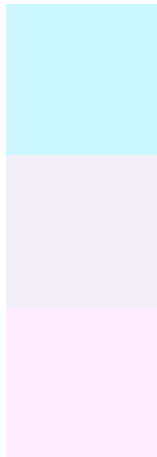
This preview shows how white text looks on a background with the HunterLab color 93.7063,

-17.6383,-2.4277.

# 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

93.7063, -17.6383, -2.4277

### Protanopia

93.5146, -2.1985, 0.7624

### Deuteranopia

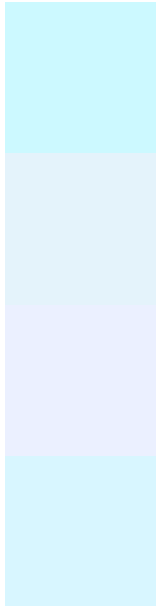
93.5518, 4.6997, -2.2308



## Tritanopia

93.5999, -9.6486, -2.4215

# Trichromacy



## Original Color

93.7063, -17.6383, -2.4277

## Protanomaly

93.5736, -8.3652, -0.3152

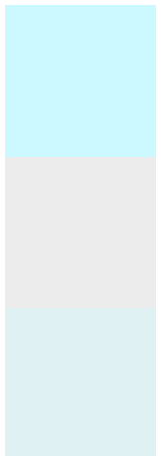
## Deuteranomaly

93.3822, -3.8640, -2.5941

## Tritanomaly

93.6645, -12.7410, -2.3944

# Monochromacy



## Original Color

93.7063, -17.6383, -2.4277

## Achromatopsia

91.5860, -4.8868, 4.9760

## Achromatomaly

92.3195, -10.0240, 2.2545

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 93.7063, -17.6383, -2.4277 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(204, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(204, 249, 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(204, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 249, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 93.7063, -17.6383, -2.4277 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(204, 249, 255) }
```



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

```
.border{ border-color:rgb(204, 249, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 249, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(204, 249,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 93.7063, -17.6383, -2.4277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 249, 255) }
```

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

```
.background{ background-color: rgb(204,  
249, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor