

# Converting Colors

HunterLab(94.9147, 17.4594,  
2.2109)

Have a look what the booklet for  
HunterLab(94.9147, 17.4594,  
2.2109) contains.

<b>HunterLab(91.7610, 7.7128, -1.7604)</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(91.7610, 7.7128,  
-1.7604)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFE5FA
RGB	255, 229, 250
RGB Percent	100%, 90%, 98%
CMY	0.0000, 0.1019, 0.0196
CMYK	0.00, 0.10, 0.02, 0.00
HSL	312°, 100%, 95%
HSV	312°, 10%, 100%
XYZ	86.5147, 84.2008, 102.1351
YIQ	239.1680, 8.7550, 12.0430

# Conversions

## Conversions Part 2

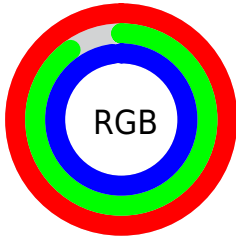
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 229, 250
Decimal	16770554
CIE <sub>Lab</sub>	93.54, 12.42, -6.92
CIE <sub>LCh</sub>	94, 14.217, 330.871
Yxy	84.2041, 0.3171, 0.3086
Android (android.graphics.Color)	4294960634 (0xFFFFE5FA)
YUV	239.1680, 5.3402, 13.8847
Hunter-Lab	91.7610, 7.7128, -1.7604

# Details

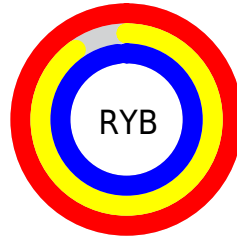
The HunterLab color  $91.7610, 7.7128, -1.7604$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $97.0153, -17.1984, 11.9050$ , and the grayscale version is  $92.9564, -4.9599, 5.0505$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $67.9507, 7.6044, -2.5298$  is the 20% darker color. If you saturate the color by 10%, you get  $84.1486, 20.7684, -8.7065$ , and if you desaturate by 10%, it is  $99.8394, -5.0906, 5.2959$ .

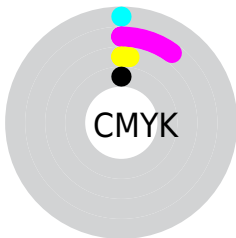
# Distribution



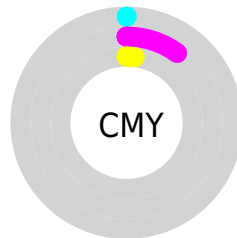
- Red (100%)
- Green (90%)
- Blue (98%)



- Red (100%)
- Yellow (90%)
- Blue (98%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)
- Black (0%)



- Cyan (0%)
- Magenta (10%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 91.7610, 7.7128, -1.7604 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 91.7610, 7.7128, -1.7604 by changing the saturation by 10% instead.



91.7610, 7.7128,  
-1.7604

91.7610, 7.7128,  
-1.7604

225.6083, 4.7714,  
3.3129

79.4884, 7.8075,  
-2.1349

118.0088, 7.3559,  
-0.8801

67.8160, 7.8461,  
-2.4643

131.9340, 7.1071,  
-0.3821

56.7785, 7.8196,  
-2.7435

146.3677, 6.8145,  
0.1521

46.4148, 7.7204,  
-2.9676

161.2923, 6.4806,  
0.7209

36.7719, 7.5385,  
-3.1306

176.6924, 6.1075,  
1.3226

27.9084, 7.2608,  
-3.2248

192.5536, 5.6971,

19.9000, 6.8688,

1.9560

-3.2400

208.8629, 5.2513,  
2.6198

■ 12.8502, 6.3357,  
-3.1627

■ 6.2594, 8.3113,  
-4.2424

■ 91.7610, 7.7128,  
-1.7604

■ 91.7610, 7.7128,  
-1.7604

■ 84.1486, 20.7684,  
-8.7065

99.8394, -5.0906,  
5.2959

■ 77.0753, 33.9920,  
-15.4436

100.0000, -5.3358,  
5.4332

■ 70.6372, 47.1800,  
-21.8046

■ 64.9425, 59.9723,  
-27.5410

■ 60.1071, 71.8060,  
-32.3135

■ 56.2387, 81.9284,  
-35.7220

■ 53.4097, 89.5307,  
-37.3982

■ 51.6211, 94.0287,  
-37.1588

■ 50.7096, 95.6259,  
-35.3268

# Harmonies

## Analogous

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



91.7628, 2.4271, -7.2461



91.7610, 7.7128, -1.7604



91.7628, 9.5886, 5.1980

# Triad

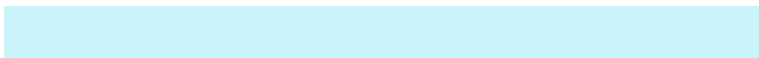
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.7628, 7.7098, -1.7590



91.7628, -5.1148, 17.3901



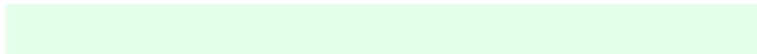
91.7628, -16.6631, -2.1382

# Complementary

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



91.7610, 7.7128, -1.7604



97.0153, -17.1984, 11.9050

# 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.



91.7628, -18.5441, 4.7913



91.7610, 7.7128, -1.7604



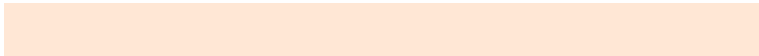
91.7628, -12.0064, 15.7519

# Square

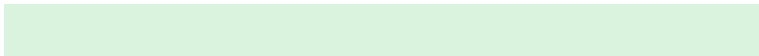
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



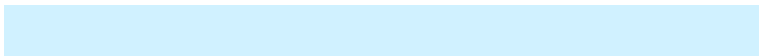
91.7628, 7.7098, -1.7590



91.7628, 2.0456, 15.9297



91.7628, -16.8659, 11.2715



91.7628, -11.6472, -7.4768

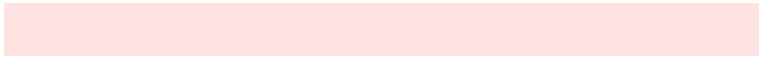


# Rectangle

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



91.7610, 7.7128, -1.7604



91.7628, 8.6130, 9.6345



91.7628, -16.8659, 11.2715



91.7628, -17.6758, 0.0997

# Sweetspot

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



91.7628, 7.7098, -1.7590



97.5302, -1.5270, 3.3094



89.8419, 1.5788, -7.0473



44.8194, -0.2335, 1.2689

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



91.7628, 7.7098, -1.7590



90.3512, 10.0511, -3.0242



91.3401, 5.4472, 4.2533



42.7047, 3.1546, -0.5900



36.6848, 69.2267, -25.9290



11.5109, 21.8270, -8.9513



# Inverse Universe

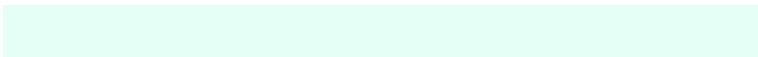
The Inverse Universe completely reimagines the original color for something new.



91.7628, 7.7098, -1.7590



90.3512, 10.0511, -3.0242



97.4064, -15.0119, 6.3107



42.7047, 3.1546, -0.5900



36.6848, 69.2267, -25.9290



11.5109, 21.8270, -8.9513



# Previews

## White Background



This preview shows how the HunterLab color 91.7610, 7.7128, -1.7604 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

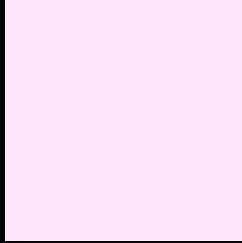
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 91.7610, 7.7128, -1.7604 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 91.7610, 7.7128, -1.7604 Background



This preview shows how black text looks on a background with the HunterLab color 91.7610, 7.7128, -1.7604.



This preview shows how white text looks on a background with the HunterLab color 91.7610, 7.7128,

-1.7604.

# 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

91.7610, 7.7128, -1.7604

### Protanopia

91.8723, -1.0890, -3.9198

### Deuteranopia

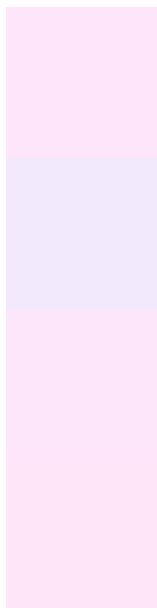
91.8577, 6.4830, -1.6607



## Tritanopia

91.6592, 7.1687, -0.3148

# Trichromacy



## Original Color

91.7610, 7.7128, -1.7604

## Protanomaly

91.8827, 2.0626, -3.3110

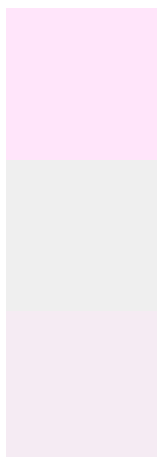
## Deuteranomaly

91.9601, 6.8263, -1.5267

## Tritanomaly

91.6929, 7.3492, -0.7945

# Monochromacy



## Original Color

91.7610, 7.7128, -1.7604

## Achromatopsia

92.9063, -4.9572, 5.0478

## Achromatomaly

92.3581, -0.1652, 2.4736

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 91.7610, 7.7128, -1.7604 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(255, 229, 250)` looks like.

```
.text, #text, p{  
    color:rgb(255, 229, 250)  
}
```

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(255, 229, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 229, 250) }
```

## Border

The CSS property to change the border of an element to HunterLab 91.7610, 7.7128, -1.7604 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(255, 229, 250) }
```



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

```
.border{ border-color:rgb(255, 229, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 229, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 229, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 229, 250);  
box-shadow:4px 4px 4px 4px rgb(255, 229,  
250) }
```

# Background

The CSS property to change the background color of an element to HunterLab 91.7610, 7.7128, -1.7604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 229, 250) }
```

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

```
.background{ background-color: rgb(255,  
229, 250) }
```

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