

# Converting Colors

HunterLab(97.9653, -6.8619,  
2.9876)

Have a look what the booklet for  
HunterLab(97.9653, -6.8619, 2.9876)  
contains.

<b>HunterLab(98.1088, -7.0036, 3.1573)</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(98.1088, -7.0036,  
3.1573)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5FCFF
RGB	245, 252, 255
RGB Percent	96%, 99%, 100%
CMY	0.0392, 0.0117, 0.0000
CMYK	0.04, 0.01, 0.00, 0.00
HSL	198°, 100%, 98%
HSV	198°, 4%, 100%
XYZ	90.5167, 96.2534, 108.4159
YIQ	250.2490, -5.1350, -0.5510

# Conversions

## Conversions Part 2

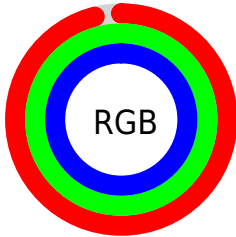
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	245, 249, 255
Decimal	16121087
CIE Lab	98.53, -1.75, -2.24
CIE LCh	99, 2.844, 231.979
Yxy	96.2573, 0.3066, 0.3261
Android (android.graphics.Color)	4294311167 (0xFF5FCFF)
YUV	250.2490, 2.3422, -4.6034
Hunter-Lab	98.1088, -7.0036, 3.1573

# Details

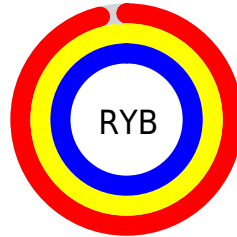
The HunterLab color 98.1088, -7.0036, 3.1573 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 97.4603, -3.3602, 7.4417, and the grayscale version is 97.8779, -5.2225, 5.3179.

A 20% lighter version of the original color is 100.0000, -5.3358, 5.4332, and 73.4345, -5.2855, 2.0220 is the 20% darker color. If you saturate the color by 10%, you get 93.4249, -10.8790, -2.6632, and if you desaturate by 10%, it is 100.0000, -5.3358, 5.4332.

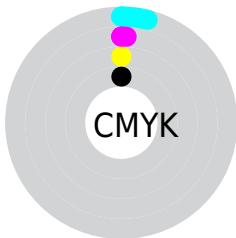
# Distribution



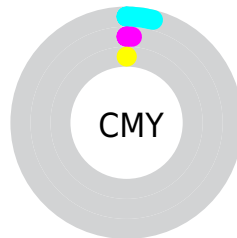
- Red (96%)
- Green (99%)
- Blue (100%)



- Red (96%)
- Yellow (98%)
- Blue (100%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 98.1088, -7.0036, 3.1573 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 98.1088, -7.0036, 3.1573 by changing the saturation by 10% instead.



98.1088, -7.0036,  
3.1573

98.1088, -7.0036,  
3.1573

234.1330,  
-14.8688, 9.8448

85.5464, -6.2556,  
2.5710

124.9002, -8.5859,  
4.4392

73.5695, -5.5325,  
2.0187

139.0817, -9.4137,  
5.1266

62.2104, -4.8379,  
1.5053

153.7626,  
-10.2657, 5.8441

51.5049, -4.1728,  
1.0337

168.9266,  
-11.1414, 6.5904

41.4954, -3.5382,  
0.6074

184.5587,  
-12.0400, 7.3645

32.2343, -2.9354,  
0.2311

200.6453,

23.7879, -2.3655,

-12.9612, 8.1655

-0.0893

217.1739,  
-13.9043, 8.9926

■ 16.2439, -1.8293,  
-0.3449

■ 9.7269, -1.3262,  
-0.5222

■ 98.1088, -7.0036,  
3.1573

■ 98.1088, -7.0036,  
3.1573

■ 93.4249, -10.8790,  
-2.6632

100.0000, -5.3358,  
5.4332

■ 88.9402, -14.1429,  
-8.5112

■ 84.6713, -16.7280,  
-14.3667

■ 80.6326, -18.5626,  
-20.2055

■ 76.8381, -19.5775,  
-25.9969

■ 73.2997, -19.7121,  
-31.7036

■ 70.0261, -18.9239,  
-37.2845

■ 67.0194, -17.2016,  
-42.7006

■ 64.2712, -14.5853,  
-47.9271

# Harmonies

## Analogous

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



98.1108, -7.8940, 4.3106



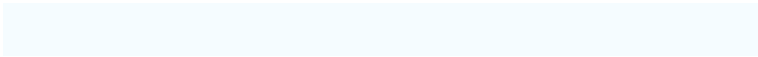
98.1088, -7.0036, 3.1573



98.1108, -5.6413, 2.5914

# Triad

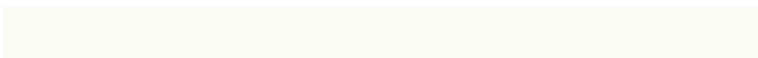
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



98.1108, -7.0061, 3.1598



98.1108, -2.3749, 4.9578



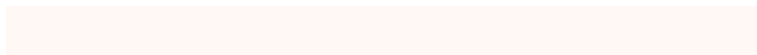
98.1108, -6.3147, 7.8447

# Complementary

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



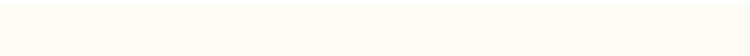
98.1088, -7.0036, 3.1573



97.4603, -3.3602, 7.4417

# Split Complementary

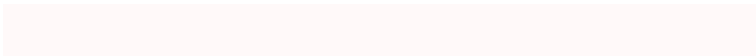
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



98.1108, -4.8384, 8.0121



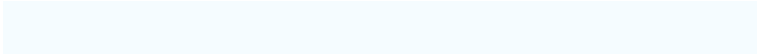
98.1088, -7.0036, 3.1573



98.1108, -2.5579, 6.3593

# Square

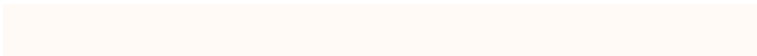
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



98.1108, -7.0061, 3.1598



98.1108, -2.9633, 3.6396



98.1108, -3.4617, 7.4722

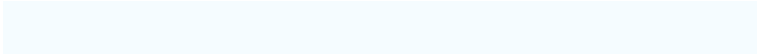


98.1108, -7.4965, 7.0113

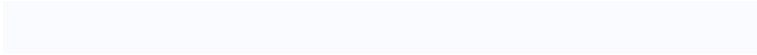


# Rectangle

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



98.1088, -7.0036, 3.1573



98.1108, -4.6423, 2.6252



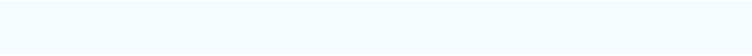
98.1108, -3.4617, 7.4722



98.1108, -5.8367, 7.9802

# Sweetspot

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



98.1108, -7.0061, 3.1598



99.5155, -5.7695, 4.8539



98.8432, -9.8416, 7.5452



46.0515, -2.6593, 2.2589

0.0000, NaN, NaN

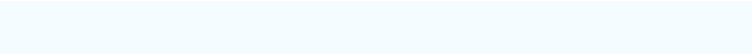


46.2646, -2.4686, 2.5136

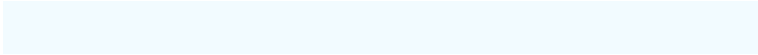


# Same Dimension

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



98.1108, -7.0061, 3.1598



97.5959, -7.4513, 2.5330



96.5698, -4.4539, 1.3425



44.9977, -3.5799, 0.9829



45.6251, -9.6043, -36.2945



14.8936, -3.9664, -10.0533



# Inverse Universe

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



96.7443, -0.5440, 3.1599



95.8591, 0.7820, 2.5390



98.9941, -5.9183, 9.1564



44.0834, 0.7619, 0.9882



35.8182, 66.1433, -14.0915



11.2626, 20.9466, -5.5822



# Previews

## White Background



This preview shows how the HunterLab color 98.1088, -7.0036, 3.1573 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

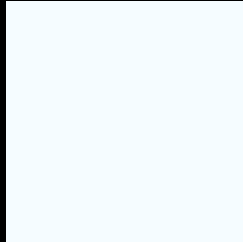
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 98.1088, -7.0036, 3.1573 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

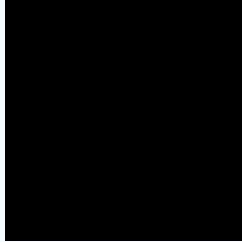
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

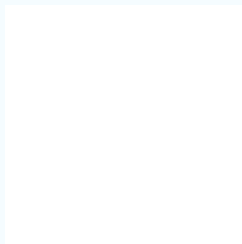
Any Text WCAG AAA ✓ Pass

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

# HunterLab 98.1088, -7.0036, 3.1573 Background



This preview shows how black text looks on a background with the HunterLab color 98.1088, -7.0036, 3.1573.



This preview shows how white text looks on a background with the HunterLab color 98.1088, -7.0036, 3.1573.



# 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**

98.1088, -7.0036, 3.1573

**Protanopia**

97.9357, -2.8342, 4.0393

**Deuteranopia**

97.9998, -2.6778, 4.6223

## Tritanopia

97.9363, -4.3279, 2.9972

# Trichromacy

## Original Color

98.1088, -7.0036, 3.1573

## Protanomaly

97.9981, -4.1793, 3.5833

## Deuteranomaly

97.9654, -4.3577, 4.0480

## Tritanomaly

98.0667, -5.5089, 3.1331

# Monochromacy

## Original Color

98.1088, -7.0036, 3.1573

## Achromatopsia

97.7739, -5.2170, 5.3122

## Achromatomaly

97.9689, -6.0452, 4.5267

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 98.1088, -7.0036, 3.1573 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(245, 252, 255)` looks like.

```
.text, #text, p{  
    color:rgb(245, 252, 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(245, 252, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 252, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 98.1088, -7.0036, 3.1573 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(245, 252, 255) }
```



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

```
.border{ border-color:rgb(245, 252, 255) }
```

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

Here you see how a box with a 4 pixel rgb(245, 252, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 252, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 252, 255);  
box-shadow:4px 4px 4px 4px rgb(245, 252,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 98.1088, -7.0036, 3.1573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 252, 255) }
```

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

```
.background{ background-color: rgb(245,  
252, 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