

# Converting Colors

HunterLab(90.4529, -9.1252,  
3.4737)

Have a look what the booklet for  
HunterLab(90.4529, -9.1252, 3.4737)  
contains.

<b>HunterLab(90.4074, -9.0134, 3.5079)</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(90.4074, -9.0134,  
3.5079)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DFECEC
RGB	223, 236, 236
RGB Percent	87%, 93%, 93%
CMY	0.1255, 0.0745, 0.0745
CMYK	0.06, 0.00, 0.00, 0.07
HSL	180°, 26%, 90%
HSV	180°, 6%, 93%
XYZ	75.5672, 81.7350, 91.1504
YIQ	232.1130, -7.7480, -2.7560

# Conversions

## Conversions Part 2

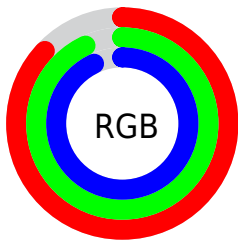
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	223, 230, 236
Decimal	14675180
CIE Lab	92.46, -4.29, -1.50
CIE LCh	92, 4.546, 199.213
Yxy	81.7384, 0.3042, 0.3290
Android (android.graphics.Color)	4292865260 (0xFFDFECEC)
YUV	232.1130, 1.9163, -7.9921
Hunter-Lab	90.4074, -9.0134, 3.5079

# Details

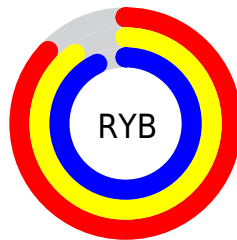
The HunterLab color  $90.4074, -9.0134, 3.5079$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $87.1425, -0.3013, 6.1901$ , and the grayscale version is  $89.8760, -4.7956, 4.8831$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $66.5302, -7.2087, 2.3884$  is the 20% darker color. If you saturate the color by 10%, you get  $88.4573, -15.9744, 1.0397$ , and if you desaturate by 10%, it is  $92.6027, -1.3780, 6.2239$ .

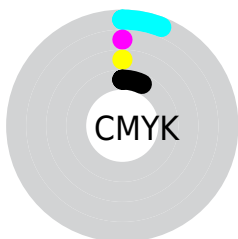
# Distribution



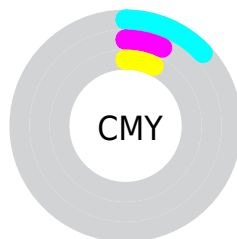
- Red (87%)
- Green (93%)
- Blue (93%)



- Red (87%)
- Yellow (90%)
- Blue (93%)



- Cyan (6%)
- Magenta (0%)
- Yellow (0%)
- Black (7%)



- Cyan (13%)
- Magenta (7%)
- Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 90.4074, -9.0134, 3.5079 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 90.4074, -9.0134, 3.5079 by changing the saturation by 10% instead.



■ 90.4074, -9.0134,  
3.5079

■ 90.4074, -9.0134,  
3.5079

223.7794,  
-17.6390, 10.2779

■ 78.1984, -8.1617,  
2.9102

116.5363,  
-10.7870, 4.8087

■ 66.5929, -7.3297,  
2.3474

130.4056,  
-11.7047, 5.5058

■ 55.6262, -6.5192,  
1.8234

144.7852,  
-12.6433, 6.2327

■ 45.3379, -5.7297,  
1.3409

159.6576,  
-13.6024, 6.9883

■ 35.7761, -4.9602,  
0.9037

175.0070,  
-14.5819, 7.7715

■ 27.0009, -4.2087,  
0.5166

190.8191,

■ 19.0904, -3.4710,

-15.5814, 8.5814

0.1861

207.0806,  
-16.6005, 9.4171

■ 12.1520, -2.7385,  
-0.0781

■ 5.2178, -3.8634,  
-0.9043

■ 90.4074, -9.0134,  
3.5079

■ 90.4074, -9.0134,  
3.5079

■ 88.4573, -15.9744,  
1.0397

■ 92.6027, -1.3780,  
6.2239

■ 86.7504, -22.1928,  
-1.1639

■ 93.4403, 1.4910,  
7.2425

■ 85.2899, -27.6183,  
-3.0839

■ 93.4405, 1.4922,  
7.2395

■ 84.0740, -32.2128,  
-4.7075

■ 93.4408, 1.4933,  
7.2365

83.0972, -35.9574,  
-6.0291

93.4410, 1.4945,  
7.2335

82.3497, -38.8559,  
-7.0504

93.4412, 1.4956,  
7.2305

81.8174, -40.9383,  
-7.7827

93.4414, 1.4967,  
7.2274

81.4803, -42.2651,  
-8.2477

93.4416, 1.4979,  
7.2244

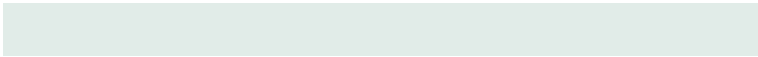
81.3112, -42.9336,  
-8.4799

93.4418, 1.4990,  
7.2214

# Harmonies

## Analogous

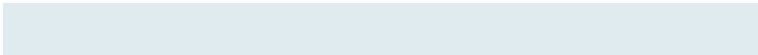
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.4093, -9.1823, 5.7142



90.4074, -9.0134, 3.5079



90.4093, -7.7332, 1.6389

# Triad

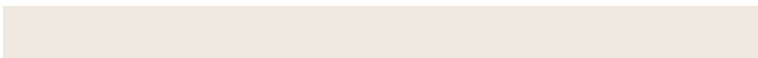
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.4093, -9.0153, 3.5093



90.4093, -1.4161, 2.0964



90.4093, -3.9899, 9.0033

# Complementary

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



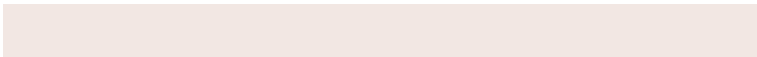
90.4074, -9.0134, 3.5079



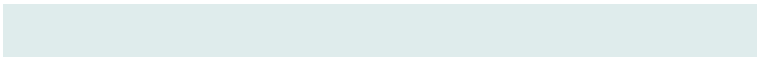
87.1425, -0.3013, 6.1901

# Split Complementary

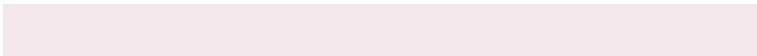
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.4093, -1.8874, 8.0849



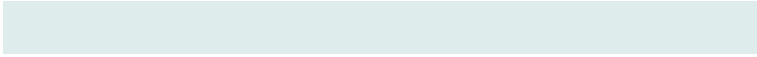
90.4074, -9.0134, 3.5079



90.4093, -0.3915, 4.1210

# Square

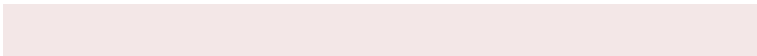
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.4093, -9.0153, 3.5093



90.4093, -3.3517, 0.8090



90.4093, -0.5648, 6.3107



90.4093, -6.2966, 8.8489

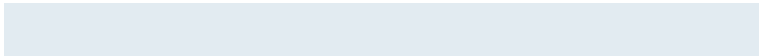


# Rectangle

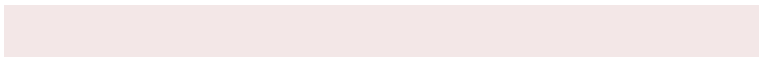
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



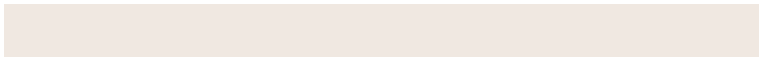
90.4074, -9.0134, 3.5079



90.4093, -6.4113, 0.8509



90.4093, -0.5648, 6.3107



90.4093, -3.2354, 8.8107

# Sweetspot

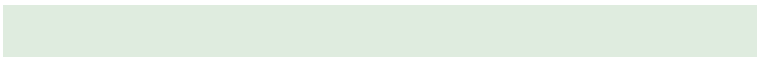
The Sweet Spot groups the original color and five complimentary colors.



90.4093, -9.0153, 3.5093



99.5216, -7.0041, 4.8403



90.0247, -11.1830, 9.2982



46.0541, -3.2025, 2.2528

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

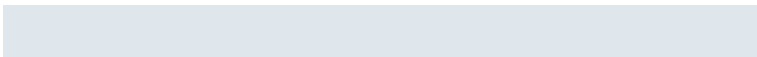
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.4093, -9.0153, 3.5093



98.3718, -11.0474, 3.4041



88.4210, -5.7689, 1.1688



41.5534, -4.8517, 1.3759



60.3359, -31.9987, -6.3386



16.9075, -8.9663, -1.7772

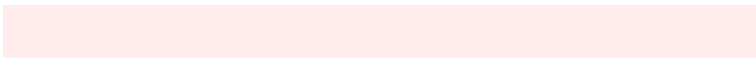


# Inverse Universe

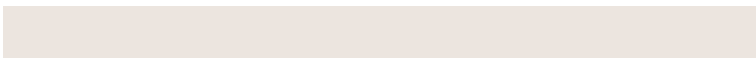
The Inverse Universe completely reimagines the original color for something new.



87.1425, -0.3013, 6.1901



93.8290, 1.0727, 7.1328



89.0837, -3.5885, 8.3656



39.4856, 0.6656, 3.0734



31.3527, 53.6928, 20.2565

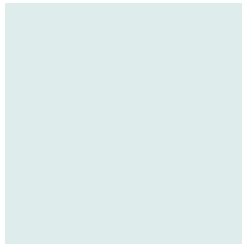


8.7858, 15.0464, 5.6742



# Previews

## White Background



This preview shows how the HunterLab color 90.4074, -9.0134, 3.5079 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

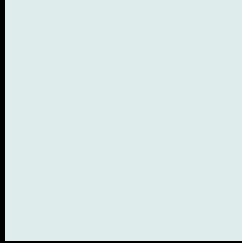
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 90.4074, -9.0134, 3.5079 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

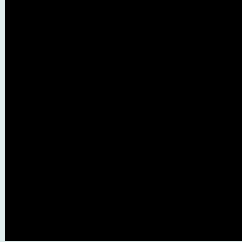
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

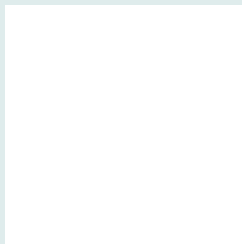
Any Text WCAG AAA ✓ Pass

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

## HunterLab 90.4074, -9.0134, 3.5079 Background



This preview shows how black text looks on a background with the HunterLab color 90.4074, -9.0134, 3.5079.



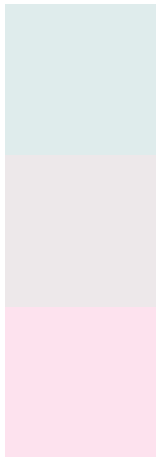
This preview shows how white text looks on a background with the HunterLab color 90.4074, -9.0134,

3.5079.

# 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

90.4074, -9.0134, 3.5079

### Protanopia

90.3650, -2.8132, 4.5598

### Deuteranopia

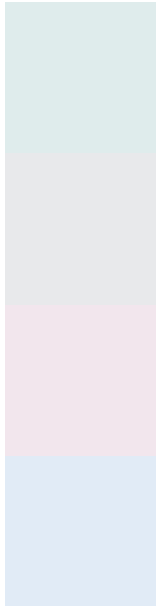
90.2488, 6.4985, 2.5837



## Tritanopia

90.5774, -4.0920, -4.5420

# Trichromacy



## Original Color

90.4074, -9.0134, 3.5079

## Protanomaly

90.2396, -4.7910, 3.8807

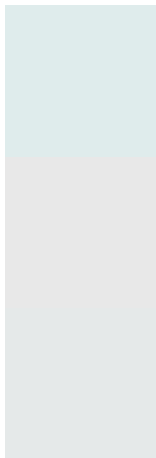
## Deuteranomaly

90.3246, 0.4254, 3.0729

## Tritanomaly

90.5969, -6.0575, -1.3402

# Monochromacy



## Original Color

90.4074, -9.0134, 3.5079

## Achromatopsia

89.8305, -4.7931, 4.8807

## Achromatomaly

89.8994, -6.1043, 4.4462

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 90.4074, -9.0134, 3.5079 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(223, 236, 236)` looks like.

```
.text, #text, p{  
    color:rgb(223, 236, 236)  
}
```

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(223, 236, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 236, 236) }
```

## Border

The CSS property to change the border of an element to HunterLab 90.4074, -9.0134, 3.5079 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(223, 236, 236) }
```



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

```
.border{ border-color:rgb(223, 236, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 236, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 236, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 236, 236);  
box-shadow:4px 4px 4px 4px rgb(223, 236,  
236) }
```

# Background

The CSS property to change the background color of an element to HunterLab 90.4074, -9.0134, 3.5079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 236, 236) }
```

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

```
.background{ background-color: rgb(223,  
236, 236) }
```

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