

# Converting Colors

HunterLab(90.8482, -16.7945,  
4.5786)

Have a look what the booklet for  
HunterLab(90.8482, -16.7945,  
4.5786) contains.

<b>HunterLab(90.9768, -17.0016, 4.5397)</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(90.9768,  
-17.0016, 4.5397)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CFF2EB
RGB	207, 242, 235
RGB Percent	81%, 95%, 92%
CMY	0.1882, 0.0510, 0.0784
CMYK	0.14, 0.00, 0.03, 0.05
HSL	168°, 57%, 88%
HSV	168°, 14%, 95%
XYZ	72.4796, 82.7678, 90.7529
YIQ	230.7370, -18.6130, -9.5970

# Conversions

## Conversions Part 2

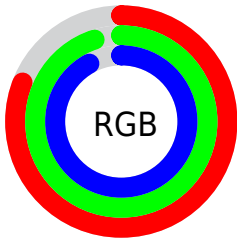
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	207, 226, 242
Decimal	13628139
CIE Lab	92.91, -12.65, -0.44
CIE LCh	93, 12.657, 181.979
Yxy	82.7712, 0.2946, 0.3365
Android (android.graphics.Color)	4291818219 (0xFFCFF2EB)
YUV	230.7370, 2.1017, -20.8173
Hunter-Lab	90.9768, -17.0016, 4.5397

# Details

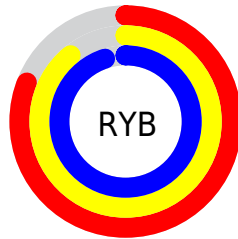
The HunterLab color  $90.9768, -17.0016, 4.5397$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $82.6802, 8.7471, 5.4769$ , and the grayscale version is  $89.2760, -4.7635, 4.8505$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $67.1177, -14.6808, 3.4267$  is the 20% darker color. If you saturate the color by 10%, you get  $89.0350, -24.4144, 4.5048$ , and if you desaturate by 10%, it is  $93.1729, -8.8715, 4.8759$ .

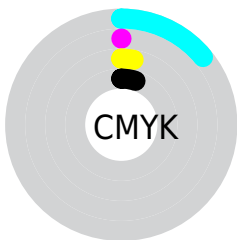
# Distribution



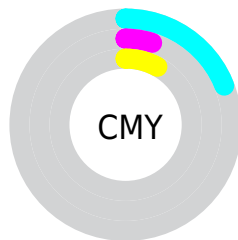
- Red (81%)
- Green (95%)
- Blue (92%)



- Red (81%)
- Yellow (89%)
- Blue (95%)



- Cyan (14%)
- Magenta (0%)
- Yellow (3%)
- Black (5%)



- Cyan (19%)
- Magenta (5%)
- Yellow (8%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 90.9768, -17.0016, 4.5397 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 90.9768, -17.0016, 4.5397 by changing the saturation by 10% instead.



90.9768, -17.0016,  
4.5397

90.9768, -17.0016,  
4.5397

224.5493,  
-28.6078, 11.6678

78.7410, -15.7469,  
3.8942

117.1559,  
-19.5253, 5.9300

67.1073, -14.4898,  
3.2811

131.0488,  
-20.7950, 6.6692

56.1107, -13.2275,  
2.7040

145.4511,  
-22.0726, 7.4368

45.7906, -11.9540,  
2.1650

160.3456,  
-23.3591, 8.2318

36.1945, -10.6603,  
1.6672

175.7164,  
-24.6552, 9.0531

27.3820, -9.3325,  
1.2142

191.5491,

19.4301, -7.9476,

-25.9617, 9.9000

0.8108

207.8308,  
-27.2791, 10.7718

■ 12.4446, -6.4630,  
0.4642

■ 5.6800, -9.9399,  
-0.0099

■ 90.9768, -17.0016,  
4.5397

■ 90.9768, -17.0016,  
4.5397

■ 89.0350, -24.4144,  
4.5048

■ 93.1729, -8.8715,  
4.8759

■ 87.3448, -31.0396,  
4.7697

■ 95.5723, -0.2289,  
5.4519

■ 85.9076, -36.8263,  
5.3322

■ 95.7287, 0.6191,  
3.2225

■ 84.7196, -41.7397,  
6.1814

■ 95.8889, 1.4864,  
0.9427

■ 83.7725, -45.7674,  
7.2989

■ 95.9100, 1.6006,  
0.6424

■ 83.0534, -48.9251,  
8.6587

■ 82.5432, -51.2609,  
10.2264

■ 82.2153, -52.8640,  
11.9591

■ 82.0876, -53.5317,  
12.9572

# Harmonies

## Analogous

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



90.9787, -15.6202, 10.3568



90.9768, -17.0016, 4.5397



90.9787, -15.2089, -1.5648

# Triad

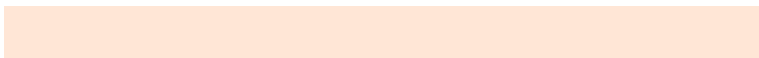
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



90.9787, -17.0033, 4.5411



90.9787, 1.8476, -5.7086



90.9787, 1.0805, 14.8249

# Complementary

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



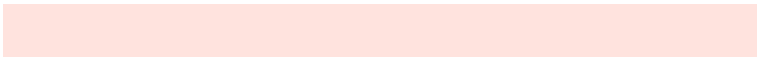
90.9768, -17.0016, 4.5397



82.6802, 8.7471, 5.4769

# 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.



90.9787, 5.9747, 11.0202



90.9768, -17.0016, 4.5397



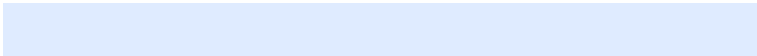
90.9787, 6.4263, -0.8057

# Square

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



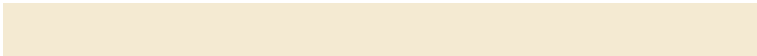
90.9787, -17.0033, 4.5411



90.9787, -4.4277, -7.7345



90.9787, 7.9571, 5.3615



90.9787, -5.2901, 16.0398

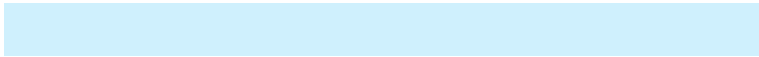


# Rectangle

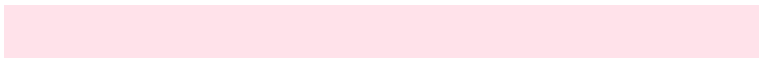
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



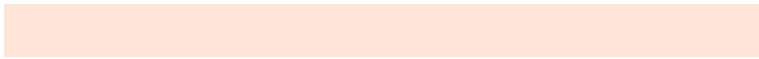
90.9768, -17.0016, 4.5397



90.9787, -12.4221, -4.9094



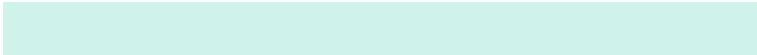
90.9787, 7.9571, 5.3615



90.9787, 2.9590, 13.8202

# Sweetspot

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



90.9787, -17.0033, 4.5411



98.9878, -9.0071, 5.1978



90.7727, -19.3930, 17.0358



45.7104, -4.4809, 2.3868

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

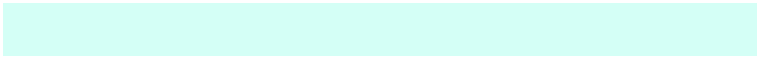


# Same Dimension

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



90.9787, -17.0033, 4.5411



95.9890, -20.1524, 4.7785



87.9996, -10.7084, -2.5634



42.2748, -5.9842, 2.1455



60.1809, -39.1337, 9.2577



17.3970, -11.0497, 2.1084



# Inverse Universe

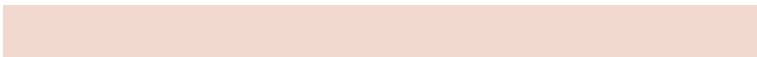
The Inverse Universe completely reimagines the original color for something new.



82.6802, 8.7471, 5.4769



85.6485, 11.9606, 5.9577



85.4210, 2.3776, 11.7035



39.7625, 1.8026, 2.4244



32.0514, 55.3006, 17.5205

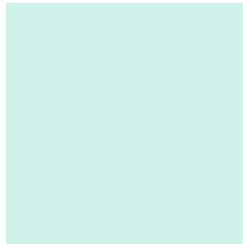


9.3184, 16.2229, 3.9678



# Previews

## White Background



This preview shows how the HunterLab color 90.9768, -17.0016, 4.5397 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

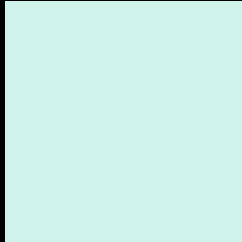
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 90.9768, -17.0016, 4.5397 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

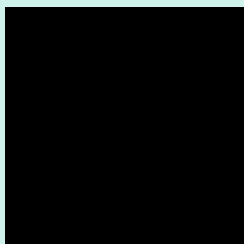
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

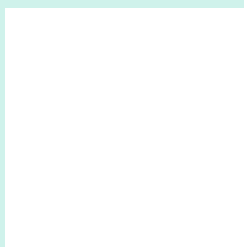
Any Text WCAG AAA ✓ Pass

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

## HunterLab 90.9768, -17.0016, 4.5397 Background



This preview shows how black text looks on a background with the HunterLab color 90.9768, -17.0016, 4.5397.



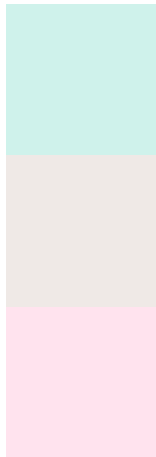
This preview shows how white text looks on a background with the HunterLab color 90.9768,

-17.0016, 4.5397.

# 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

90.9768, -17.0016, 4.5397

### Protanopia

90.7423, -3.3613, 6.9416

### Deuteranopia

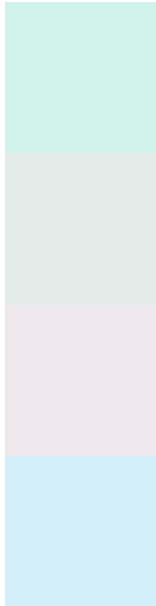
90.7586, 6.6587, 3.1992



## Tritanopia

90.9204, -9.2042, -5.8309

# Trichromacy



## Original Color

90.9768, -17.0016, 4.5397

## Protanomaly

90.6355, -8.4641, 5.7600

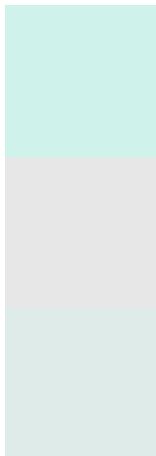
## Deuteranomaly

90.5565, -1.9599, 3.3088

## Tritanomaly

90.7520, -11.9402, -2.3074

# Monochromacy



## Original Color

90.9768, -17.0016, 4.5397

## Achromatopsia

89.3925, -4.7698, 4.8569

## Achromatomaly

89.8735, -9.5148, 4.8486

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 90.9768, -17.0016, 4.5397 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(207, 242, 235)` looks like.

```
.text, #text, p{  
    color:rgb(207, 242, 235)  
}
```

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(207, 242, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 242, 235) }
```

## Border

The CSS property to change the border of an element to HunterLab 90.9768, -17.0016, 4.5397 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(207, 242, 235) }
```



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

```
.border{ border-color:rgb(207, 242, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 242, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 242, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 242, 235);  
box-shadow:4px 4px 4px 4px rgb(207, 242,  
235) }
```

# Background

The CSS property to change the background color of an element to HunterLab 90.9768, -17.0016, 4.5397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 242, 235) }
```

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

```
.background{ background-color: rgb(207,  
242, 235) }
```

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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