

# Converting Colors

HunterLab(88.8832, -19.5146,  
0.9317)

Have a look what the booklet for  
HunterLab(88.8832, -19.5146,  
0.9317) contains.

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# Color

**HunterLab(88.8391,  
-19.5658, 0.9282)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	BFEFED
RGB	191, 239, 237
RGB Percent	75%, 94%, 93%
CMY	0.2510, 0.0627, 0.0706
CMYK	0.20, 0.00, 0.01, 0.06
HSL	177°, 60%, 84%
HSV	177°, 20%, 94%
XYZ	67.6385, 78.9239, 91.7897
YIQ	224.4200, -27.9660, -10.7980

# Conversions

## Conversions Part 2

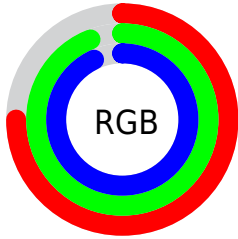
Format	Color
R <sub>Y</sub> B	191, 216, 239
Decimal	12578797
CIE Lab	91.20, -15.67, -4.10
CIE LCh	91, 16.201, 194.676
Yxy	78.9271, 0.2838, 0.3311
Android (android.graphics.Color)	4290768877 (0xFFBFEFED)
YUV	224.4200, 6.2019, -29.3093
Hunter-Lab	88.8391, -19.5658, 0.9282

# Details

The HunterLab color  $88.8391, -19.5658, 0.9282$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $77.1134, 12.8633, 8.9486$ , and the grayscale version is  $86.5039, -4.6156, 4.6999$ .

A 20% lighter version of the original color is  $99.3461, -7.6179, 4.6211$ , and  $65.2085, -16.6905, 0.1407$  is the 20% darker color. If you saturate the color by 10%, you get  $87.1888, -25.7169, -0.6912$ , and if you desaturate by 10%, it is  $90.7421, -12.6494, 2.8418$ .

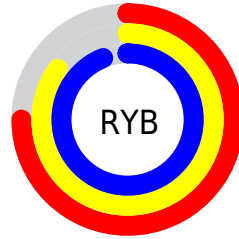
# Distribution



Red (75%)

Green (94%)

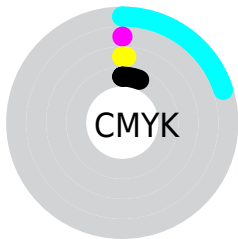
Blue (93%)



Red (75%)

Yellow (85%)

Blue (94%)

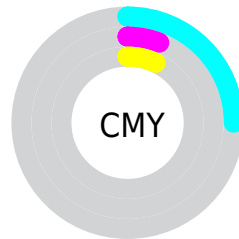


Cyan (20%)

Magenta (0%)

Yellow (1%)

Black (6%)



Cyan (25%)

Magenta (6%)

Yellow (7%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 88.8391, -19.5658, 0.9282 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 88.8391, -19.5658, 0.9282 by changing the saturation by 10% instead.



88.8391, -19.5658,  
0.9282

88.8391, -19.5658,  
0.9282

221.6551,  
-32.2584, 6.8203

76.7045, -18.1610,  
0.4471

114.8287,  
-22.3660, 2.0100

65.1775, -16.7445,  
0.0068

128.6324,  
-23.7648, 2.6039

54.2938, -15.3113,  
-0.3881

142.9488,  
-25.1661, 3.2310

44.0940, -13.8526,  
-0.7334

157.7601,  
-26.5716, 3.8900

34.6276, -12.3553,  
-1.0239

173.0503,  
-27.9826, 4.5796

25.9564, -10.7991,  
-1.2525

188.8049,

18.1614, -9.1503,

-29.4002, 5.2985

-1.4093

205.0106,  
-30.8252, 6.0457

■ 11.3553, -7.3581,  
-1.4799

■ 3.6468, -6.3819,  
-4.4669

■ 88.8391, -19.5658,  
0.9282

■ 88.8391, -19.5658,  
0.9282

■ 87.1888, -25.7169,  
-0.6912

■ 90.7421, -12.6494,  
2.8418

■ 85.7858, -31.0494,  
-2.0080

■ 92.8893, -5.0244,  
5.0284

■ 84.6287, -35.5322,  
-3.0144

■ 94.4917, 0.5651,  
6.5114

■ 83.7103, -39.1532,  
-3.7115

■ 94.5231, 0.7355,  
6.0624

■ 83.0190, -41.9255,  
-4.1087

■ 94.5547, 0.9067,  
5.6112

■ 82.5379, -43.8908,  
-4.2253

■ 94.5865, 1.0788,  
5.1578

■ 82.2440, -45.1246,  
-4.0911

■ 94.6185, 1.2516,  
4.7023

■ 82.0943, -45.7874,  
-3.7689

■ 94.6506, 1.4253,  
4.2446

■ 94.6828, 1.5998,  
3.7848

# Harmonies

## Analogous

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



88.8409, -19.5239, 8.7298



88.8391, -19.5658, 0.9282



88.8409, -15.7398, -6.4345

# Triad

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



88.8409, -19.5672, 0.9295



88.8409, 6.6786, -6.5705



88.8409, -0.5164, 18.1859

# Complementary

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



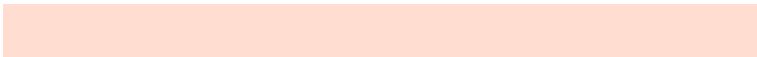
88.8391, -19.5658, 0.9282



77.1134, 12.8633, 8.9486

# 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.



88.8409, 6.8117, 14.7993



88.8391, -19.5658, 0.9282



88.8409, 11.0677, 0.7572

# Square

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



88.8409, -19.5672, 0.9295



88.8409, -0.6928, -11.0252



88.8409, 11.1173, 8.5725



88.8409, -8.7261, 18.2229

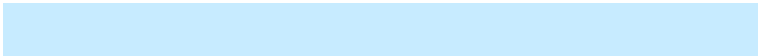


# Rectangle

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



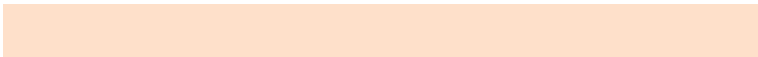
88.8391, -19.5658, 0.9282



88.8409, -11.4251, -9.9046



88.8409, 11.1173, 8.5725



88.8409, 2.1383, 17.4162

# Sweetspot

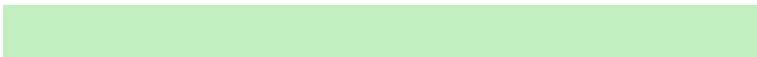
The Sweet Spot groups the original color and five complimentary colors.



88.8409, -19.5672, 0.9295



98.5757, -10.3679, 3.9806



87.6858, -26.4905, 20.2385



45.5366, -5.0428, 1.7713

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



88.8409, -19.5672, 0.9295



94.8786, -23.8105, 0.2642



81.9409, -8.3701, -8.7454



42.3284, -5.6862, 1.3821



61.0305, -34.0121, -2.8605



17.6129, -9.7503, -0.9665



# Inverse Universe

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



77.1134, 12.8633, 8.9486



79.8475, 17.8513, 10.5783



83.3682, 1.1934, 16.3366



39.7109, 1.5248, 3.1616



31.8713, 54.6333, 20.1861

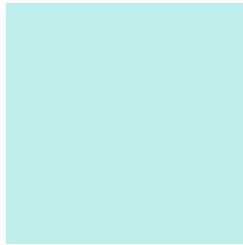


9.2129, 15.8330, 5.5215



# Previews

## White Background



This preview shows how the HunterLab color 88.8391, -19.5658, 0.9282 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

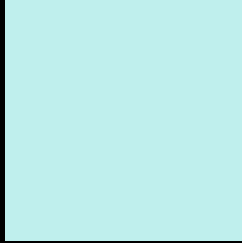
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 88.8391, -19.5658, 0.9282 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

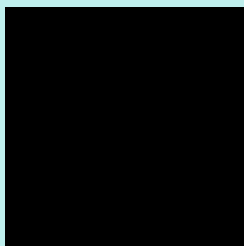
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

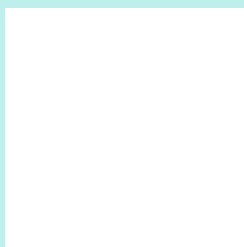
Any Text WCAG AAA ✓ Pass

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

## HunterLab 88.8391, -19.5658, 0.9282 Background



This preview shows how black text looks on a background with the HunterLab color 88.8391, -19.5658, 0.9282.



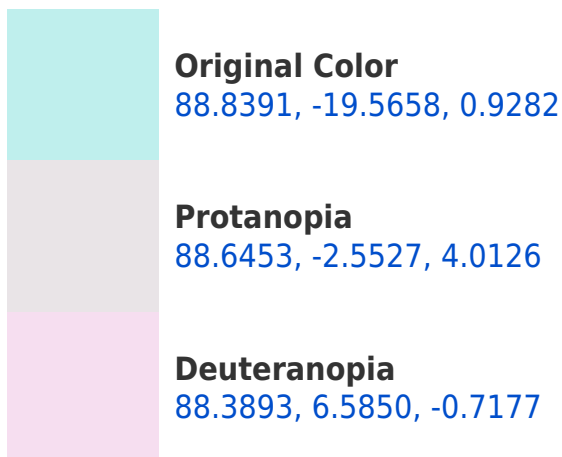
This preview shows how white text looks on a background with the HunterLab color 88.8391,

-19.5658, 0.9282.

# 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

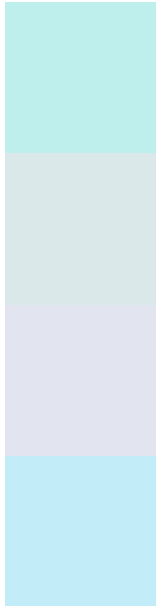




## Tritanopia

88.7767, -13.5047, -8.7169

# Trichromacy



## Original Color

88.8391, -19.5658, 0.9282

## Protanomaly

88.6013, -9.0348, 2.8501

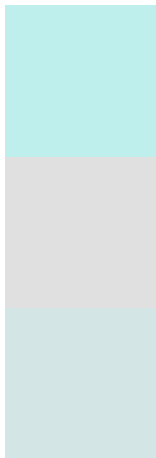
## Deuteranomaly

88.2539, -3.3836, -0.5386

## Tritanomaly

88.7778, -15.6710, -4.8793

# Monochromacy



## Original Color

88.8391, -19.5658, 0.9282

## Achromatopsia

86.3368, -4.6067, 4.6908

## Achromatomaly

87.0016, -10.0432, 2.9168

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 88.8391, -19.5658, 0.9282 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(191, 239, 237)` looks like.

```
.text, #text, p{  
    color:rgb(191, 239, 237)  
}
```

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(191, 239, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 239, 237) }
```

## Border

The CSS property to change the border of an element to HunterLab 88.8391, -19.5658, 0.9282 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(191, 239, 237) }
```



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

```
.border{ border-color:rgb(191, 239, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 239, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 239, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 239, 237);  
box-shadow:4px 4px 4px 4px rgb(191, 239,  
237) }
```

# Background

The CSS property to change the background color of an element to HunterLab 88.8391, -19.5658, 0.9282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 239, 237) }
```

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

```
.background{ background-color: rgb(191,  
239, 237) }
```

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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