

# Converting Colors

HunterLab(87.3604, -11.7436,  
-10.5831)

Have a look what the booklet for  
HunterLab(87.3604, -11.7436,  
-10.5831) contains.

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# Color

**HunterLab(87.4086,  
-11.7417, -10.5181)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C2E8FF
RGB	194, 232, 255
RGB Percent	76%, 91%, 100%
CMY	0.2392, 0.0902, 0.0000
CMYK	0.24, 0.09, 0.00, 0.00
HSL	203°, 100%, 88%
HSV	203°, 24%, 100%
XYZ	69.1548, 76.4026, 105.7102
YIQ	223.2600, -30.0310, -0.9030

# Conversions

## Conversions Part 2

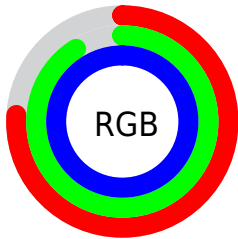
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 217, 255
Decimal	12773631
CIELab	90.05, -7.39, -15.20
CIElCh	90, 16.898, 244.077
Yxy	76.4056, 0.2752, 0.3041
Android (android.graphics.Color)	4290963711 (0xFFC2E8FF)
YUV	223.2600, 15.6478, -25.6610
Hunter-Lab	87.4086, -11.7417, -10.5181

# Details

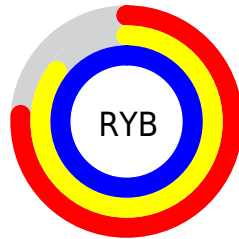
The HunterLab color **87.4086, -11.7417, -10.5181** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **86.4755, 5.1121, 18.3803**, and the grayscale version is **85.9599, -4.5866, 4.6704**.

A 20% lighter version of the original color is **99.6239, -6.6465, 4.9667**, and **63.7314, -9.6757, -10.6013** is the 20% darker color. If you saturate the color by 10%, you get **82.4930, -13.3841, -17.3998**, and if you desaturate by 10%, it is **92.5393, -9.4567, -3.7585**.

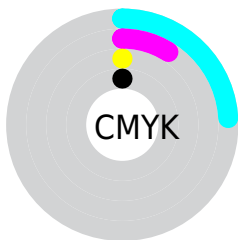
# Distribution



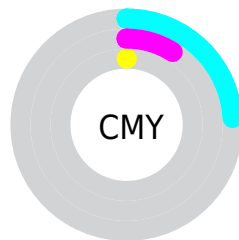
- Red (76%)
- Green (91%)
- Blue (100%)



- Red (76%)
- Yellow (85%)
- Blue (100%)



- Cyan (24%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (9%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.4086, -11.7417, -10.5181 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 87.4086, -11.7417, -10.5181 by changing the saturation by 10% instead.



87.4086, -11.7417,  
-10.5181

87.4086, -11.7417,  
-10.5181

219.7123,  
-21.4260, -8.0463

75.3427, -10.7455,  
-10.5573

113.2696,  
-13.7827, -10.2736

63.8880, -9.7609,  
-10.5407

127.0130,  
-14.8257, -10.0796

53.0810, -8.7877,  
-10.4615

141.2711,  
-15.8847, -9.8406

42.9631, -7.8231,  
-10.3146

156.0262,  
-16.9601, -9.5591

33.5850, -6.8628,  
-10.0951

171.2619,  
-18.0519, -9.2371

25.0103, -5.8996,  
-9.7995

186.9637,

17.3230, -4.9211,

-19.1601, -8.8765

-9.4309

203.1179,  
-20.2849, -8.4791

■ 10.6404, -3.9024,  
-9.0211

■ 0.7239, -1.2668,  
-87.2981

■ 87.4086, -11.7417,  
-10.5181

■ 87.4086, -11.7417,  
-10.5181

■ 82.4930, -13.3841,  
-17.3998

■ 92.5393, -9.4567,  
-3.7585

■ 77.8055, -14.3000,  
-24.4008

■ 97.8632, -6.5980,  
2.8696

■ 73.3666, -14.4092,  
-31.4997

100.0000, -5.3358,  
5.4332

■ 69.1952, -13.6331,  
-38.6657

■ 65.3079, -11.9069,  
-45.8561

■ 61.7166, -9.1944,  
-53.0195

■ 58.4228, -5.5132,  
-60.1087

■ 56.5426, -2.8994,  
-64.4143

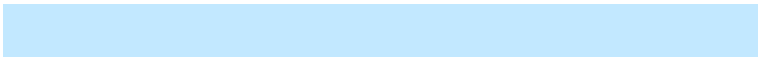
# Harmonies

## Analogous

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



87.4103, -17.8789, -4.4703



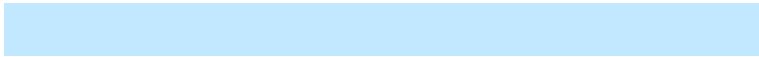
87.4086, -11.7417, -10.5181



87.4103, -3.4962, -12.3313

# Triad

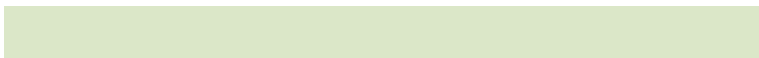
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.4103, -11.7433, -10.5157



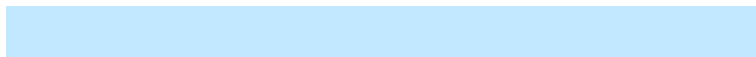
87.4103, 12.3494, 5.8631



87.4103, -13.6947, 16.7505

# Complementary

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



87.4086, -11.7417, -10.5181



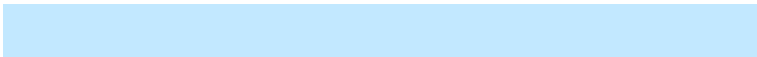
86.4755, 5.1121, 18.3803

# 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.



87.4103, -5.8350, 18.9698



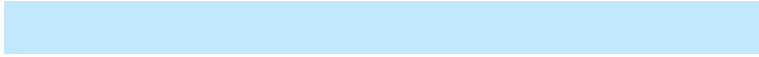
87.4086, -11.7417, -10.5181



87.4103, 9.3758, 13.0783

# Square

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



87.4103, -11.7433, -10.5157



87.4103, 10.6211, -2.3619



87.4103, 2.6383, 17.6924

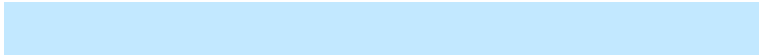


87.4103, -18.9747, 11.3252



# Rectangle

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



87.4086, -11.7417, -10.5181



87.4103, 2.1430, -10.7660



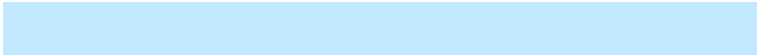
87.4103, 2.6383, 17.6924



87.4103, -11.2779, 17.8712

# Sweetspot

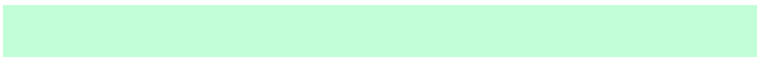
The Sweet Spot groups the original color and five complimentary colors.



87.4103, -11.7433, -10.5157



96.2038, -7.5352, 0.8421



93.7906, -30.0522, 16.0408



44.3588, -3.5684, 0.2051

0.0000, NaN, NaN

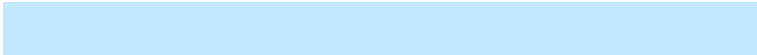


46.2646, -2.4686, 2.5136

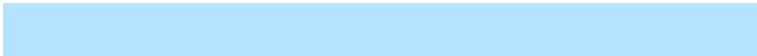


# Same Dimension

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



87.4103, -11.7433, -10.5157



84.8849, -12.6623, -13.9972



78.0991, 3.7773, -23.6324



43.8899, -3.8218, -0.3774



41.2336, -2.6946, -45.7215



13.6597, -2.1131, -12.5119



# Inverse Universe

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



81.0379, 23.6014, -5.5099



77.3827, 29.8702, -7.5431



95.7055, -10.4471, 27.1704



42.6350, 2.7812, 0.4008



35.2765, 64.1979, -6.5518

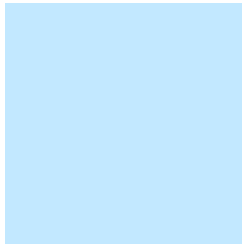


11.1036, 20.3777, -3.3862



# Previews

## White Background



This preview shows how the HunterLab color 87.4086, -11.7417, -10.5181 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

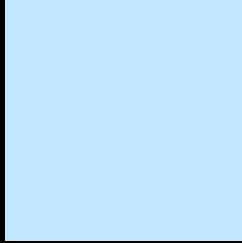
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.4086, -11.7417, -10.5181 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

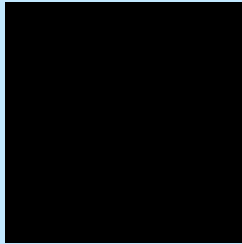
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

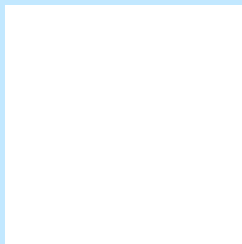
Any Text WCAG AAA ✓ Pass

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

## HunterLab 87.4086, -11.7417, -10.5181 Background



This preview shows how black text looks on a background with the HunterLab color 87.4086, -11.7417, -10.5181.



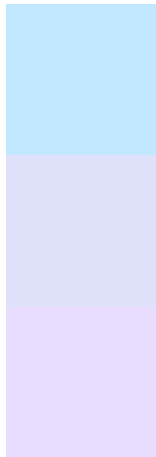
This preview shows how white text looks on a background with the HunterLab color 87.4086, -11.7417, -10.5181.

-11.7417, -10.5181.

# 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

87.4086, -11.7417, -10.5181

### Protanopia

87.1214, -0.1450, -7.8689

### Deuteranopia

87.3250, 5.6200, -10.3270



## Tritanopia

87.5102, -13.3297, -8.1452

# Trichromacy



## Original Color

87.4086, -11.7417, -10.5181

## Protanomaly

87.1570, -4.6754, -9.0255

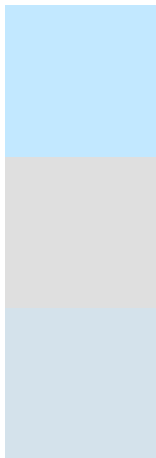
## Deuteranomaly

87.2528, -0.9188, -10.5392

## Tritanomaly

87.5463, -13.1283, -8.6551

# Monochromacy



## Original Color

87.4086, -11.7417, -10.5181

## Achromatopsia

85.9017, -4.5835, 4.6672

## Achromatomaly

86.2484, -7.4220, -1.0144

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.4086, -11.7417, -10.5181 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(194, 232, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 232, 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(194, 232, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 232, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.4086, -11.7417, -10.5181 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(194, 232, 255) }
```



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

```
.border{ border-color:rgb(194, 232, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 232, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 232, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 232, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 232,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.4086, -11.7417, -10.5181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 232, 255) }
```

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

```
.background{ background-color: rgb(194,  
232, 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](#).

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