

# Converting Colors

HunterLab(80.6924, -9.7756,  
-7.9770)

Have a look what the booklet for  
HunterLab(80.6924, -9.7756,  
-7.9770) contains.

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# Color

**HunterLab(80.5688, -9.6088,  
-8.3613)**

# Conversions

Conversions Part 1	
Format	Color
Hex	B9D7EB
RGB	185, 215, 235
RGB Percent	73%, 84%, 92%
CMY	0.2745, 0.1568, 0.0784
CMYK	0.21, 0.09, 0.00, 0.08
HSL	204°, 56%, 82%
HSV	204°, 21%, 92%
XYZ	59.3034, 64.9133, 88.0012
YIQ	208.3100, -24.3000, -0.1400

# Conversions

## Conversions Part 2

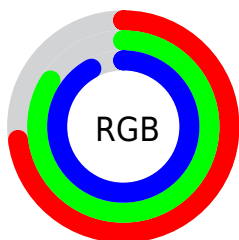
Format	Color
<a href="#">RYB</a>	<a href="#">185, 204, 235</a>
Decimal	<a href="#">12179435</a>
CIELab	<a href="#">84.44, -5.68, -13.13</a>
CIELCh	<a href="#">84, 14.300, 246.612</a>
Yxy	<a href="#">64.9160, 0.2794, 0.3059</a>
Android (android.graphics.Color)	<a href="#">4290369515</a> (0xFFB9D7EB)
YUV	<a href="#">208.3100, 13.1582, -20.4429</a>
Hunter-Lab	<a href="#">80.5688, -9.6088, -8.3613</a>

# Details

The HunterLab color  $80.5688, -9.6088, -8.3613$  is a light color, and the websafe version is hex  $99CCCC$ . A complement of this color would be  $80.5157, 2.8671, 15.8636$ , and the grayscale version is  $79.5076, -4.2423, 4.3198$ .

A 20% lighter version of the original color is  $98.8014, -9.5305, 3.9407$ , and  $57.6382, -7.7504, -8.4894$  is the 20% darker color. If you saturate the color by 10%, you get  $75.8818, -11.0090, -14.8473$ , and if you desaturate by 10%, it is  $85.4456, -7.6545, -2.0216$ .

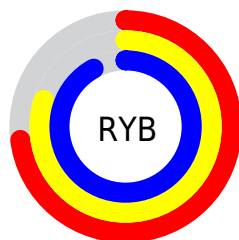
# Distribution



Red (73%)

Green (84%)

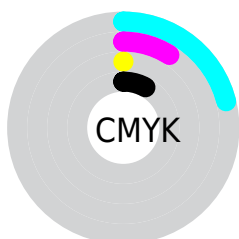
Blue (92%)



Red (73%)

Yellow (80%)

Blue (92%)

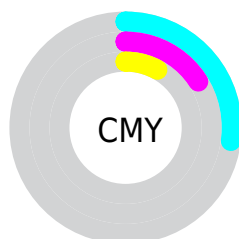


Cyan (21%)

Magenta (9%)

Yellow (0%)

Black (8%)



Cyan (27%)

Magenta (16%)


Yellow (8%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.5688, -9.6088, -8.3613 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 80.5688, -9.6088, -8.3613 by changing the saturation by 10% instead.




 80.5688, -9.6088,  
-8.3613

 80.5688, -9.6088,  
-8.3613


210.3544,  
-18.5880, -5.4944

 68.8425, -8.7052,  
-8.4462


 105.7965,  
-11.4745, -8.0276

 57.7463, -7.8178,  
-8.4737


119.2426,  
-12.4347, -7.7887

 47.3201, -6.9466,  
-8.4373


133.2144,  
-13.4137, -7.5051

 37.6101, -6.0896,  
-8.3310

147.6930,  
-14.4115, -7.1794

 28.6735, -5.2432,  
-8.1487

162.6611,  
-15.4279, -6.8136

 20.5843, -4.4013,  
-7.8851


178.1033,

 13.4428, -3.5518,

-16.4629, -6.4097


-7.5429


194.0054,  
-17.5163, -5.9695


 7.0113, -3.9024,  
-8.1149


0.0000, NaN, -NF

 80.5688, -9.6088,  
-8.3613


 80.5688, -9.6088,  
-8.3613


 75.8818, -11.0090,  
-14.8473


 85.4456, -7.6545,  
-2.0216


 71.3967, -11.7794,  
-21.4825

 90.4918, -5.2079,  
4.1719

 67.1331, -11.8447,  
-28.2561

 95.6451, -2.5003,  
10.1695

 63.1098, -11.1279,  
-35.1479

 98.6187, -7.4477,  
13.3843

■ 59.3450, -9.5599,  
-42.1249

■ 99.3872, -8.7031,  
14.2013

■ 55.8538, -7.0916,  
-49.1412

■ 52.6444, -3.7144,  
-56.1461

■ 50.0516, -0.1360,  
-62.2666

# Harmonies

## Analogous

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



80.5704, -14.8903, -3.6837



80.5688, -9.6088, -8.3613



80.5704, -2.7377, -9.4925

# Triad

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



80.5704, -9.6100, -8.3599



80.5704, 9.5981, 5.8553



80.5704, -12.2236, 14.0581

# Complementary

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



80.5688, -9.6088, -8.3613



80.5157, 2.8671, 15.8636

# 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.



80.5704, -5.8571, 16.1640



80.5688, -9.6088, -8.3613



80.5704, 6.8602, 11.6981

# Square

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



80.5704, -9.6100, -8.3599



80.5704, 8.5097, -0.8987



80.5704, 1.1443, 15.3385



80.5704, -16.3626, 9.3347



# Rectangle

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



80.5688, -9.6088, -8.3613



80.5704, 1.8544, -8.0060



80.5704, 1.1443, 15.3385



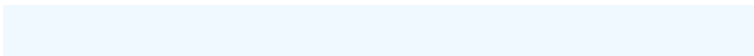
80.5704, -10.2816, 15.0763

# Sweetspot

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



80.5704, -9.6100, -8.3599



96.6284, -7.0519, 1.3684



86.0813, -24.9055, 13.1866



44.5367, -3.3440, 0.4268

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

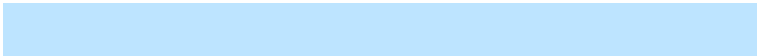


# Same Dimension

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



80.5704, -9.6100, -8.3599



85.8799, -11.3671, -12.5958



73.1457, 2.7943, -18.5889



40.0655, -3.3622, -0.4127



37.6811, -0.6841, -45.6213



11.4119, -1.5854, -10.8415



# Inverse Universe

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



75.6756, 18.2383, -3.4217



79.4699, 25.8927, -5.6011



87.9188, -9.5361, 23.0542



38.9947, 2.4594, 0.4928



33.0548, 59.9240, -4.3514

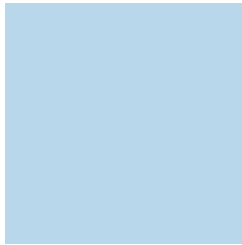


9.3642, 17.1578, -2.6415



# Previews

## White Background



This preview shows how the HunterLab color 80.5688, -9.6088, -8.3613 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

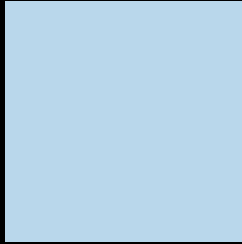
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 80.5688, -9.6088, -8.3613 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

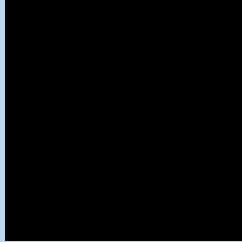
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

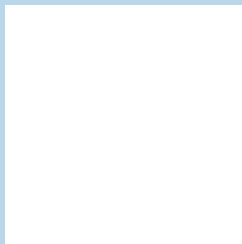
Any Text WCAG AAA ✓ Pass

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

## HunterLab 80.5688, -9.6088, -8.3613 Background



This preview shows how black text looks on a background with the HunterLab color 80.5688, -9.6088, -8.3613.



This preview shows how white text looks on a background with the HunterLab color 80.5688, -9.6088, -8.3613.

-8.3613.

# 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

80.5688, -9.6088, -8.3613

### Protanopia

80.4862, -0.6065, -6.1069

### Deuteranopia

80.4254, 5.8074, -9.4060



## Tritanopia

80.4974, -10.0047, -7.3539

# Trichromacy



## Original Color

80.5688, -9.6088, -8.3613

## Protanomaly

80.4326, -3.8757, -6.7817

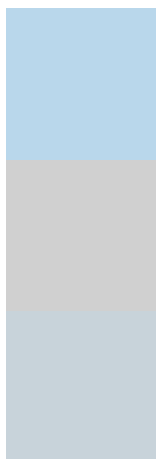
## Deuteranomaly

80.4853, -0.2535, -8.8685

## Tritanomaly

80.5330, -9.8073, -7.8564

# Monochromacy



## Original Color

80.5688, -9.6088, -8.3613

## Achromatopsia

79.4202, -4.2377, 4.3151

## Achromatomaly

79.9561, -6.4915, -0.0306

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 80.5688, -9.6088, -8.3613 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(185, 215, 235)` looks like.

```
.text, #text, p{  
    color:rgb(185, 215, 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(185, 215, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 215, 235) }
```

## Border

The CSS property to change the border of an element to HunterLab 80.5688, -9.6088, -8.3613 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(185, 215, 235) }
```



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

```
.border{ border-color:rgb(185, 215, 235) }
```

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

Here you see how a box with a 4 pixel rgb(185, 215, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 215, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 215, 235);  
box-shadow:4px 4px 4px 4px rgb(185, 215,  
235) }
```

# Background

The CSS property to change the background color of an element to HunterLab 80.5688, -9.6088, -8.3613 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 215, 235) }
```

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

```
.background{ background-color: rgb(185,  
215, 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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