

Converting Colors

HunterLab(80.8895, -14.7396,
-8.4272)

Have a look what the booklet for
HunterLab(80.8895, -14.7396,
-8.4272) contains.

HunterLab(80.9258, -14.8238, -8.5340)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(80.9258,
-14.8238, -8.5340)**

Conversions

Conversions Part 1

Format	Color
Hex	ACDBEC
RGB	172, 219, 236
RGB Percent	67%, 86%, 93%
CMY	0.3255, 0.1412, 0.0745
CMYK	0.27, 0.07, 0.00, 0.07
HSL	196°, 63%, 80%
HSV	196°, 27%, 93%
XYZ	57.4851, 65.4899, 88.9680
YIQ	206.8850, -33.4690, -4.6770

Conversions

Conversions Part 2

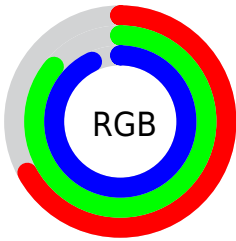
Format	Color
RYB	172, 199, 236
Decimal	11328492
CIELab	84.74, -11.37, -13.29
CIELCh	85, 17.490, 229.469
Yxy	65.4925, 0.2712, 0.3090
Android (android.graphics.Color)	4289518572 (0xFFACDBEC)
YUV	206.8850, 14.3537, -30.5941
Hunter-Lab	80.9258, -14.8238, -8.5340

Details

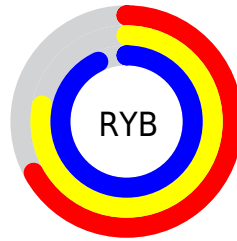
The HunterLab color **80.9258, -14.8238, -8.5340** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **75.6354, 9.7976, 16.1814**, and the grayscale version is **78.8941, -4.2096, 4.2865**.

A 20% lighter version of the original color is **97.6719, -13.5318, 2.5181**, and **58.0498, -12.4601, -8.5507** is the 20% darker color. If you saturate the color by 10%, you get **77.3600, -17.3470, -13.4561**, and if you desaturate by 10%, it is **84.6974, -11.6517, -3.5661**.

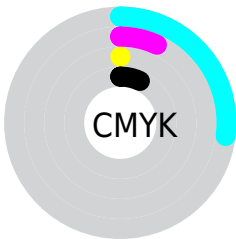
Distribution



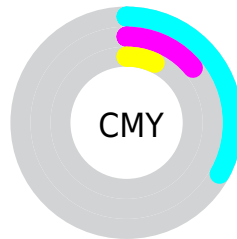
- Red (67%)
- Green (86%)
- Blue (93%)



- Red (67%)
- Yellow (78%)
- Blue (93%)



- Cyan (27%)
- Magenta (7%)
- Yellow (0%)
- Black (7%)



- Cyan (33%)
- Magenta (14%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.9258, -14.8238, -8.5340 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 80.9258, -14.8238, -8.5340 by changing the saturation by 10% instead.

■ 80.9258, -14.8238,
-8.5340

■ 80.9258, -14.8238,
-8.5340

210.8458,
-25.8938, -5.7062

■ 69.1813, -13.6336,
-8.6143

■ 106.1874,
-17.2198, -8.2096

■ 58.0659, -12.4422,
-8.6371

119.6493,
-18.4277, -7.9751

■ 47.6192, -11.2459,
-8.5959

133.6364,
-19.6447, -7.6960

■ 37.8871, -10.0376,
-8.4850

148.1297,
-20.8717, -7.3746

■ 28.9267, -8.8062,
-8.2983

163.1121,
-22.1096, -7.0131

■ 20.8111, -7.5339,
-8.0307

178.5682,

■ 13.6396, -6.1880,

-23.3589, -6.6134

-7.6852

194.4837,
-24.6202, -6.1773

7.2416, -7.2262,
-8.0787

0.0000, NaN, -NF

80.9258, -14.8238,
-8.5340

80.9258, -14.8238,
-8.5340

77.3600, -17.3470,
-13.4561

84.6974, -11.6517,
-3.5661

74.0067, -19.1568,
-18.3101

88.6581, -7.8899,
1.4219

70.8774, -20.1985,
-23.0634

92.7973, -3.5994,
6.4148

67.9799, -20.4282,
-27.6823

95.9496, -2.7981,
10.0371

■ 65.3176, -19.8228,
-32.1334

■ 97.9292, -6.1022,
12.1904

■ 62.8869, -18.3923,
-36.3904

■ 99.4164, -8.5424,
13.7828

■ 60.6714, -16.2041,
-40.4494

■ 60.0559, -15.4969,
-41.6112

Harmonies

Analogous

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



80.9274, -19.3788, -1.0340



80.9258, -14.8238, -8.5340



80.9274, -7.3325, -12.6993

Triad

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



80.9274, -14.8248, -8.5327



80.9274, 12.6443, 1.4671



80.9274, -9.7785, 17.9177

Complementary

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



80.9258, -14.8238, -8.5340



75.6354, 9.7976, 16.1814

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.



80.9274, -1.2677, 18.4369



80.9258, -14.8238, -8.5340



80.9274, 11.9222, 9.4911

Square

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



80.9274, -14.8248, -8.5327



80.9274, 8.6782, -6.5376



80.9274, 6.7445, 15.5065



80.9274, -16.5509, 14.0053

Rectangle

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



80.9258, -14.8238, -8.5340



80.9274, -1.5746, -12.7606



80.9274, 6.7445, 15.5065



80.9274, -7.0340, 18.4781

Sweetspot

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



80.9274, -14.8248, -8.5327



96.3981, -9.0158, 1.0533



85.0845, -31.2317, 18.7275



44.2912, -4.4723, 0.1064

0.0000, NaN, NaN



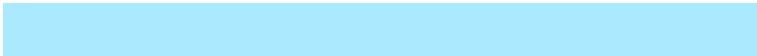
46.2646, -2.4686, 2.5136

Same Dimension

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



80.9274, -14.8248, -8.5327



85.9892, -17.9342, -12.5604



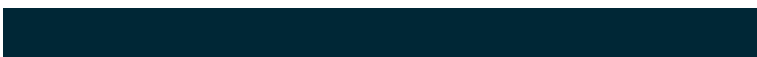
71.2705, 0.8501, -22.0866



40.5039, -4.0736, 0.1160



44.8372, -11.8683, -30.4223



13.1711, -4.1892, -7.4195

Inverse Universe

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



72.4252, 26.3884, -9.7757



74.9616, 36.5329, -13.9368



84.8523, -6.2152, 24.9040



39.0404, 2.7043, -0.1568



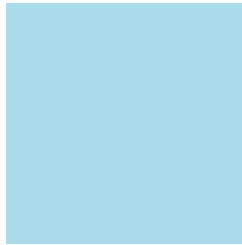
33.9445, 63.1169, -16.7158



9.5945, 17.9803, -5.8113

Previews

White Background



This preview shows how the HunterLab color 80.9258, -14.8238, -8.5340 looks on a white background.

Color Contrast Check

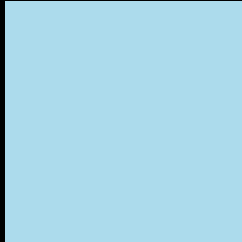
Large Text (above 18pt) WCAG AA × Fail

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 80.9258, -14.8238, -8.5340 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

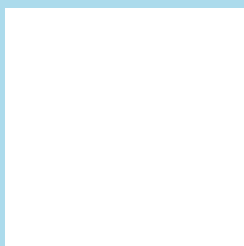
Any Text WCAG AAA ✓ Pass

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

HunterLab 80.9258, -14.8238, -8.5340 Background



This preview shows how black text looks on a background with the HunterLab color 80.9258, -14.8238, -8.5340.



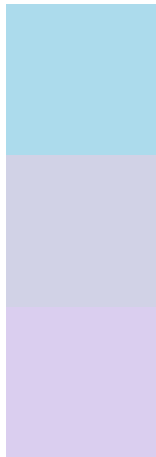
This preview shows how white text looks on a background with the HunterLab color 80.9258,

-14.8238, -8.5340.

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

80.9258, -14.8238, -8.5340

Protanopia

80.8466, -1.0069, -5.1022

Deuteranopia

80.7961, 5.6661, -10.0396



Tritanopia

80.9258, -14.8238, -8.5340

Trichromacy



Original Color

80.9258, -14.8238, -8.5340

Protanomaly

80.7158, -6.0778, -6.4483

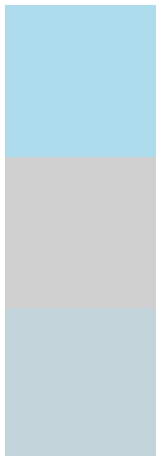
Deuteranomaly

80.7336, -2.4029, -9.6985

Tritanomaly

80.9258, -14.8238, -8.5340

Monochromacy



Original Color

80.9258, -14.8238, -8.5340

Achromatopsia

78.9912, -4.2148, 4.2917

Achromatomaly

79.4480, -8.2790, -0.6896

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.9258, -14.8238, -8.5340 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(172, 219, 236)` looks like.

```
.text, #text, p{  
    color:rgb(172, 219, 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(172, 219, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 219, 236) }
```

Border

The CSS property to change the border of an element to HunterLab 80.9258, -14.8238, -8.5340 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(172, 219, 236) }
```


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

```
.border{ border-color:rgb(172, 219, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 219, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 219, 236); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 219, 236); box-shadow:4px 4px 4px 4px rgb(172, 219, 236) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.9258, -14.8238, -8.5340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 219, 236) }
```

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

```
.background{ background-color: rgb(172,  
219, 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