

Converting Colors

HunterLab(80.9686, -9.6986,
-10.6319)

Have a look what the booklet for
HunterLab(80.9686, -9.6986,
-10.6319) contains.

HunterLab(80.9137, -9.6494, -10.7173)	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(80.9137, -9.6494,
-10.7173)**

Conversions

Conversions Part 1

Format	Color
Hex	B7D8F0
RGB	183, 216, 240
RGB Percent	72%, 85%, 94%
CMY	0.2823, 0.1529, 0.0588
CMYK	0.24, 0.10, 0.00, 0.06
HSL	205°, 66%, 83%
HSV	205°, 24%, 94%
XYZ	59.8125, 65.4703, 91.9227
YIQ	208.8690, -27.3720, 0.4680

Conversions

Conversions Part 2

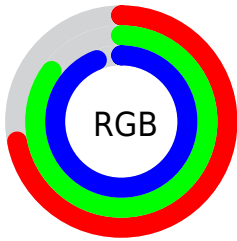
Format	Color
R _Y B	183, 204, 240
Decimal	12048624
CIE Lab	84.73, -5.69, -15.36
CIE LCh	85, 16.379, 249.665
Yxy	65.4729, 0.2754, 0.3014
Android (android.graphics.Color)	4290238704 (0xFFB7D8F0)
YUV	208.8690, 15.3476, -22.6871
Hunter-Lab	80.9137, -9.6494, -10.7173

Details

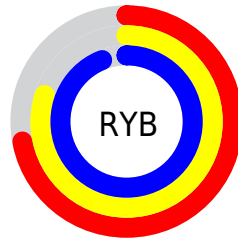
The HunterLab color $80.9137, -9.6494, -10.7173$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $81.5905, 3.3498, 17.7783$, and the grayscale version is $79.7395, -4.2547, 4.3324$.

A 20% lighter version of the original color is $98.6232, -10.1589, 3.7173$, and $57.9806, -7.7228, -10.7793$ is the 20% darker color. If you saturate the color by 10%, you get $75.9980, -10.6875, -17.6726$, and if you desaturate by 10%, it is $86.0285, -8.0311, -3.9465$.

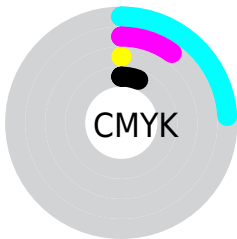
Distribution



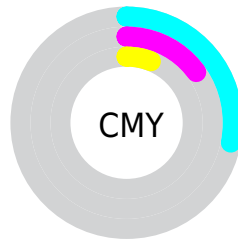
- Red (72%)
- Green (85%)
- Blue (94%)



- Red (72%)
- Yellow (80%)
- Blue (94%)



- Cyan (24%)
- Magenta (10%)
- Yellow (0%)
- Black (6%)



- Cyan (28%)
- Magenta (15%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.9137, -9.6494, -10.7173 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 80.9137, -9.6494, -10.7173 by changing the saturation by 10% instead.

■ 80.9137, -9.6494,
-10.7173

■ 80.9137, -9.6494,
-10.7173

210.8292,
-18.6389, -8.4986

■ 69.1698, -8.7444,
-10.7212

■ 106.1741,
-11.5175, -10.5399

■ 58.0550, -7.8557,
-10.6660

119.6355,
-12.4789, -10.3762

■ 47.6090, -6.9832,
-10.5454

133.6221,
-13.4591, -10.1662

■ 37.8777, -6.1249,
-10.3544

148.1150,
-14.4580, -9.9122

■ 28.9181, -5.2773,
-10.0888

163.0969,
-15.4756, -9.6165

■ 20.8034, -4.4342,
-9.7478

178.5524,

■ 13.6330, -3.5839,

-16.5117, -9.2812

-9.3457

194.4675,
-17.5662, -8.9080

■ 7.2339, -3.8150,
-9.8160

0.0000, NaN, -NF

■ 80.9137, -9.6494,
-10.7173

■ 80.9137, -9.6494,
-10.7173

■ 75.9980, -10.6875,
-17.6726

■ 86.0285, -8.0311,
-3.9465

■ 71.2953, -11.0641,
-24.8193

■ 91.3206, -5.8992,
2.6443

■ 66.8273, -10.6977,
-32.1497

■ 96.7761, -3.3181,
9.0684

■ 62.6152, -9.5053,
-39.6445

■ 99.5346, -7.8914,
12.0879

■ 58.6795, -7.4130,
-47.2686

■ 55.0377, -4.3718,
-54.9712

■ 51.6986, -0.3823,
-62.6947

■ 49.7437, 2.4965,
-67.5645

Harmonies

Analogous

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



80.9153, -15.9379, -5.6087



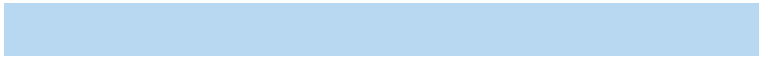
80.9137, -9.6494, -10.7173



80.9153, -1.6969, -11.5622

Triad

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



80.9153, -9.6505, -10.7159



80.9153, 11.5712, 6.8466



80.9153, -14.0019, 14.9758

Complementary

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



80.9137, -9.6494, -10.7173



81.5905, 3.3498, 17.7783

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.



80.9153, -6.9136, 17.6618



80.9137, -9.6494, -10.7173



80.9153, 7.9891, 13.2817

Square

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



80.9153, -9.6505, -10.7159



80.9153, 10.7681, -0.9019



80.9153, 1.1486, 17.0736



80.9153, -18.3810, 9.3741

Rectangle

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



80.9137, -9.6494, -10.7173



80.9153, 3.5122, -9.5195



80.9153, 1.1486, 17.0736



80.9153, -11.8686, 16.2234

Sweetspot

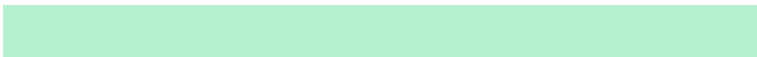
The Sweet Spot groups the original color and five complimentary colors.



80.9153, -9.6505, -10.7159



95.9525, -7.1234, 0.5417



87.6821, -27.3855, 13.7405



44.2325, -3.3617, 0.0536

0.0000, NaN, NaN



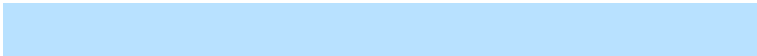
46.2646, -2.4686, 2.5136

Same Dimension

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



80.9153, -9.6505, -10.7159



84.3675, -10.9020, -14.6904



72.2633, 4.9205, -23.0246



40.9255, -3.3284, -0.5140



37.1677, 1.2081, -49.0644



11.6002, -1.1299, -12.0601

Inverse Universe

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



75.7309, 21.3022, -3.8262



77.9795, 28.0736, -5.5865



90.2803, -11.1584, 26.0125



39.8903, 2.4889, 0.6038



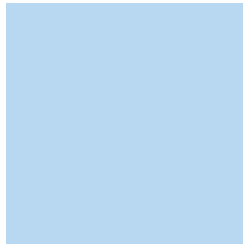
33.4483, 60.4111, -2.6483



9.7497, 17.7932, -2.2009

Previews

White Background



This preview shows how the HunterLab color 80.9137, -9.6494, -10.7173 looks on a white background.

Color Contrast Check

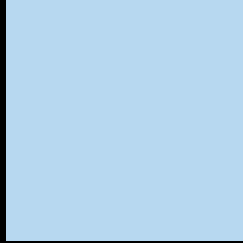
Large Text (above 18pt) WCAG AA × Fail

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 80.9137, -9.6494, -10.7173 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

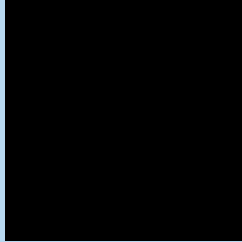
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

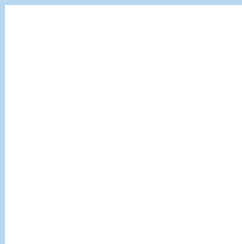
Any Text WCAG AAA ✓ Pass

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

HunterLab 80.9137, -9.6494, -10.7173 Background



This preview shows how black text looks on a background with the HunterLab color 80.9137, -9.6494, -10.7173.



This preview shows how white text looks on a background with the HunterLab color 80.9137, -9.6494, -10.7173.

-10.7173.

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

80.9137, -9.6494, -10.7173

Protanopia

80.8794, -0.4702, -8.3447

Deuteranopia

80.8116, 5.9395, -11.7328



Tritanopia

80.9391, -11.6250, -7.3505

Trichromacy



Original Color

80.9137, -9.6494, -10.7173

Protanomaly

80.7509, -4.0018, -9.1390

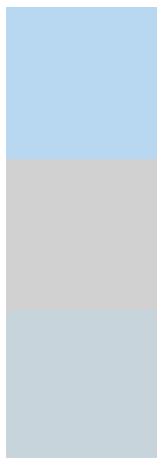
Deuteranomaly

80.8846, -0.0878, -11.1620

Tritanomaly

81.0104, -11.2276, -8.3581

Monochromacy



Original Color

80.9137, -9.6494, -10.7173

Achromatopsia

79.8497, -4.2606, 4.3384

Achromatomaly

80.3328, -6.6374, -0.5893

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.9137, -9.6494, -10.7173 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(183, 216, 240)` looks like.

```
.text, #text, p{  
    color:rgb(183, 216, 240)  
}
```

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(183, 216, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 216, 240) }
```

Border

The CSS property to change the border of an element to HunterLab 80.9137, -9.6494, -10.7173 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(183, 216, 240) }
```


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

```
.border{ border-color:rgb(183, 216, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 216, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 216, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 216, 240);  
box-shadow:4px 4px 4px 4px rgb(183, 216,  
240) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.9137, -9.6494, -10.7173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 216, 240) }
```

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

```
.background{ background-color: rgb(183,  
216, 240) }
```

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