Converting Colors

HunterLab(80.0324, -28.2852, 9.0770)

Have a look what the booklet for HunterLab(80.0324, -28.2852, 9.0770) contains.

HunterLab(80.1614, -28.5547, 9.3795) 3
- ***Conversions*** 4
- ***Details*** 6
- ***Harmonies*** 12
- ***Previews*** 24
- ***Color Blindness Simulation*** 28
- ***CSS Examples*** 31

Color

HunterLab(80.1614, -28.5547, 9.3795)

Conversions

Conversions Part 1

Format	Color
Hex	9AE0C6
RGB	154, 224, 198
RGB Percent	60%, 88%, 78%
CMY	0.3961, 0.1216, 0.2235
CMYK	0.31, 0.00, 0.12, 0.12
HSL	158°, 53%, 74%
HSV	158°, 31%, 88%
XYZ	50.1751, 64.2585, 63.1847
YIQ	200.1060, -33.3740, -22.9260

Conversions

Conversions Part 2

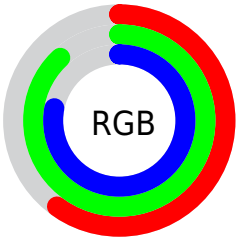
Format	Color
RYB	154, 197, 224
Decimal	10150086
CIELab	84.10, -27.37, 5.77
CIELCh	84, 27.971, 168.099
Yxy	64.2611, 0.2825, 0.3618
Android (android.graphics.Color)	4288340166 (0xFF9AE0C6)
YUV	200.1060, -1.0383, -40.4350
Hunter-Lab	80.1614, -28.5547, 9.3795

Details

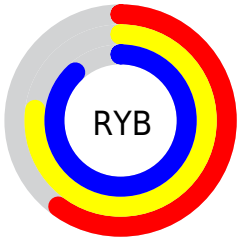
The HunterLab color 80.1614, -28.5547, 9.3795 is a light color, and the websafe version is hex 99CC99. A complement of this color would be 65.0041, 25.0148, 1.1066, and the grayscale version is 76.0598, -4.0584, 4.1325.

A 20% lighter version of the original color is 96.1466, -19.0123, 0.5712, and 57.2086, -24.3194, 7.4804 is the 20% darker color. If you saturate the color by 10%, you get 78.6707, -34.7320, 11.2920, and if you desaturate by 10%, it is 81.8918, -21.6127, 7.6577.

Distribution

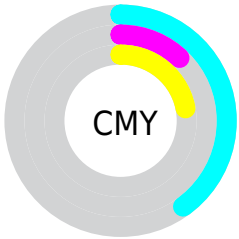


- Red (60%)
- Green (88%)
- Blue (78%)



- Red (60%)
- Yellow (77%)
- Blue (88%)

- Cyan (31%)
- Magenta (0%)
- Yellow (12%)
- Black (12%)



- Cyan (40%)
- Magenta (12%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.1614, -28.5547, 9.3795 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 80.1614, -28.5547, 9.3795 by changing the saturation by 10% instead.

80.1614, -28.5547, 9.3795

80.1614, -28.5547, 9.3795

209.7932, -45.6935, 18.4447

68.4560, -26.5210, 8.4683

105.3503, -32.5036, 11.2609

57.3818, -24.4299, 7.5736

118.7782, -34.4332, 12.2297

46.9791, -22.2652, 6.6952

132.7325, -36.3413, 13.2178

37.2942, -20.0021, 5.8308

147.1942, -38.2326, 14.2251

28.3851, -17.6037, 4.9761

162.1460, -40.1107, 15.2516

20.3261, -15.0099, 4.1241

177.5724,

13.2189, -12.1188,

-41.9786, 16.2972

3.2603

193.4591, -43.8389, 17.3616

6.7384, -11.7923, 3.9149

0.0000, NaN, NaN

80.1614, -28.5547, 9.3795

80.1614, -28.5547, 9.3795

78.6707, -34.7320, 11.2920

81.8918, -21.6127, 7.6577

77.4136, -40.0926, 13.3698

83.8551, -13.9648, 6.1400

76.3865, -44.6083, 15.5859

86.0485, -5.6831, 4.8382

75.5801, -48.2741, 17.9072

88.4655, 3.1573, 3.7576

74.9798, -51.1151, 20.2964

89.9119, 8.5567, 1.3939

74.5646, -53.1922, 22.7119

90.1922, 10.0485, -2.5879

74.3173, -54.5181, 24.7988

90.4398, 11.3625, -6.0949

Harmonies

Analogous

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

80.1630, -23.0337, 19.4139

80.1614, -28.5547, 9.3795

80.1630, -27.9053, -3.8534

Triad

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

80.1630, -28.5559, 9.3805

80.1630, 4.1021, -23.4258

80.1630, 14.1584, 20.9227

Complementary

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

80.1614, -28.5547, 9.3795

65.0041, 25.0148, 1.1066

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.

80.1630, 22.4404, 11.7932

80.1614, -28.5547, 9.3795

80.1630, 16.3703, -14.3243

Square

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

80.1630, -28.5559, 9.3805

80.1630, -9.6633, -24.3674

80.1630, 23.2761, -1.0003

80.1630, 1.2459, 25.2857

Rectangle

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

80.1614, -28.5547, 9.3795

80.1630, -24.0522, -12.7658

80.1630, 23.2761, -1.0003

80.1630, 17.6127, 18.3878

Sweetspot

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

80.1630, -28.5559, 9.3805

97.6561, -14.1379, 6.7604

80.9016, -27.9328, 26.9565

45.0143, -7.1744, 3.2360

0.0000, NaN, NaN

46.2646, -2.4686, 2.5136

Same Dimension

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

80.1630, -28.5559, 9.3805

91.6046, -38.1952, 12.3984

78.2820, -20.0271, -5.5278

39.3465, -5.8457, 2.7507

56.7184, -41.4685, 18.6255

14.9899, -10.5658, 4.0726

Inverse Universe

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

65.0041, 25.0148, 1.1066

70.4607, 36.8813, 1.0694

66.3938, 16.9585, 13.9068

37.1272, 1.9360, 1.5054

31.0001, 54.3332, 10.3844

8.2646, 14.6817, 1.2452

Previews

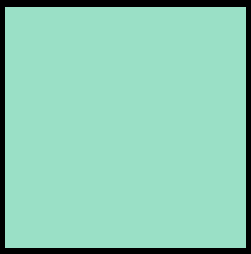
White Background

This preview shows how the HunterLab color 80.1614, -28.5547, 9.3795 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



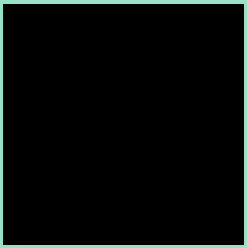
This preview shows how the HunterLab color 80.1614, -28.5547, 9.3795 looks on a black background.

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 80.1614, -28.5547, 9.3795 Background



This preview shows how black text looks on a background with the HunterLab color 80.1614, -28.5547, 9.3795.

This preview shows how white text looks on a background with the HunterLab color 80.1614,

-28.5547, 9.3795.

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
80.1614, -28.5547, 9.3795

Protanopia
79.7378, -4.1841, 12.8380

Deuteranopia
79.7131, 5.7307, 7.1950

Tritanopia
80.2500, -17.2732, -9.4829

Trichromacy

Original Color
80.1614, -28.5547, 9.3795

Protanomaly
79.6321, -14.0075, 11.2597

Deuteranomaly
79.3768, -7.9910, 7.4968

Tritanomaly
80.2233, -21.7086, -2.0214

Monochromacy

Original Color
80.1614, -28.5547, 9.3795

Achromatopsia
75.9987, -4.0551, 4.1292

Achromatomaly
77.3251, -13.8082, 5.9753

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.1614, -28.5547, 9.3795 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(154, 224, 198) looks like.

```
.text, #text, p{
    color:rgb(154, 224, 198)
}
```

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(154, 224, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 224, 198) }
```

Border

The CSS property to change the border of an element to HunterLab 80.1614, -28.5547, 9.3795 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(154, 224, 198) }
```

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

```
.border{ border-color:rgb(154, 224, 198) }
```

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

Here you see how a box with a 4 pixel rgb(154, 224, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(154, 224, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(154, 224, 198); box-shadow:4px 4px 4px 4px rgb(154, 224, 198) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.1614, -28.5547, 9.3795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(154, 224, 198) }
```

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

```
.background{ background-color:rgb(154,
224, 198) }
```

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