

Converting Colors

HunterLab(80.1456, -20.8392,
15.0654)

Have a look what the booklet for
HunterLab(80.1456, -20.8392,
15.0654) contains.

HunterLab(80.1456, -20.8392, 15.0654)	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(80.1456,
-20.8392, 15.0654)**

Conversions

Conversions Part 1

Format	Color
Hex	B7DBB9
RGB	183, 219, 185
RGB Percent	72%, 86%, 73%
CMY	0.2823, 0.1412, 0.2745
CMYK	0.16, 0.00, 0.16, 0.14
HSL	123°, 33%, 79%
HSV	123°, 16%, 86%
XYZ	53.6170, 64.2332, 55.4714
YIQ	204.3600, -10.5420, -18.2060

Conversions

Conversions Part 2

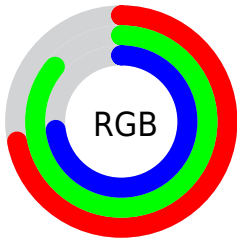
Format	Color
RYB	183, 217, 219
Decimal	12049337
CIELab	84.09, -18.28, 12.83
CIElCh	84, 22.331, 144.932
Yxy	64.2359, 0.3093, 0.3706
Android (android.graphics.Color)	4290239417 (0xFFB7DBB9)
YUV	204.3600, -9.5445, -18.7327
Hunter-Lab	80.1456, -20.8392, 15.0654

Details

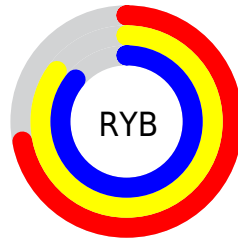
The HunterLab color $80.1456, -20.8392, 15.0654$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $73.4428, 14.0793, -7.4963$, and the grayscale version is $77.9046, -4.1568, 4.2327$.

A 20% lighter version of the original color is $98.0926, -12.9220, 9.9180$, and $57.4131, -17.6287, 12.5257$ is the 20% darker color. If you saturate the color by 10%, you get $78.0673, -29.6541, 20.7968$, and if you desaturate by 10%, it is $82.5056, -11.1463, 8.8263$.

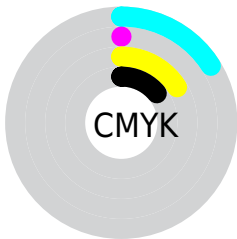
Distribution



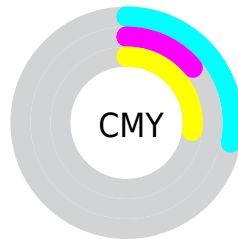
- Red (72%)
- Green (86%)
- Blue (73%)



- Red (72%)
- Yellow (85%)
- Blue (86%)



- Cyan (16%)
- Magenta (0%)
- Yellow (16%)
- Black (14%)



- Cyan (28%)
- Magenta (14%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.1456, -20.8392, 15.0654 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 80.1456, -20.8392, 15.0654 by changing the saturation by 10% instead.

■ 80.1456, -20.8392,
15.0654

■ 80.1456, -20.8392,
15.0654

209.7716,
-34.4933, 26.7082

■ 68.4410, -19.2918,
13.7948

■ 105.3331,
-23.8954, 17.6075

■ 57.3677, -17.7192,
12.5165

118.7602,
-25.4103, 18.8831

■ 46.9659, -16.1130,
11.2248

132.7139,
-26.9214, 20.1648

■ 37.2820, -14.4590,
9.9096

147.1749,
-28.4313, 21.4542

■ 28.3739, -12.7353,
8.5556

162.1261,
-29.9420, 22.7524

■ 20.3162, -10.9063,
7.1377

177.5519,

■ 13.2103, -8.9084,

-31.4550, 24.0603

5.6512

193.4380,
-32.9717, 25.3787

■ 6.7277, -11.7734,
4.7094

0.0000, NaN, NaN

■ 80.1456, -20.8392,
15.0654

■ 80.1456, -20.8392,
15.0654

■ 78.0673, -29.6541,
20.7968

■ 82.5056, -11.1463,
8.8263

■ 76.2721, -37.4769,
25.9452

■ 85.1326, -0.6862,
2.1510

■ 74.7644, -44.2159,
30.4477

■ 88.0167, 10.4243,
-4.8867

■ 73.5422, -49.8028,
34.2541

■ 88.9638, 14.1034,
-7.9854

■ 72.5979, -54.2043,
37.3338

■ 71.9172, -57.4308,
39.6815

■ 71.4785, -59.5441,
41.3211

■ 71.2494, -60.6700,
42.3087

■ 71.1987, -60.9177,
42.5117

Harmonies

Analogous

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



80.1473, -12.9887, 20.5232



80.1456, -20.8392, 15.0654



80.1473, -24.2474, 6.1169

Triad

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



80.1473, -20.8408, 15.0664



80.1473, -6.1376, -18.3346



80.1473, 15.7793, 12.3762

Complementary

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



80.1456, -20.8392, 15.0654



73.4428, 14.0793, -7.4963

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.



80.1473, 17.8547, 2.5678



80.1456, -20.8392, 15.0654



80.1473, 4.8156, -16.0726

Square

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



80.1473, -20.8408, 15.0664



80.1473, -16.0552, -13.8798



80.1473, 13.7436, -8.0572



80.1473, 8.2153, 19.1227

Rectangle

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



80.1456, -20.8392, 15.0654



80.1473, -23.6794, -0.9873



80.1473, 13.7436, -8.0572



80.1473, 17.1586, 9.3675

Sweetspot

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



80.1473, -20.8408, 15.0664



98.4429, -11.5588, 9.4080



82.9865, -10.6708, 18.9412



45.4459, -5.7440, 4.6064

0.0000, NaN, NaN



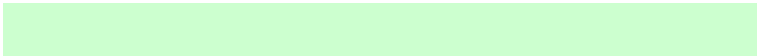
46.2646, -2.4686, 2.5136

Same Dimension

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



80.1473, -20.8408, 15.0664



94.2625, -28.7986, 20.5169



80.6446, -18.0230, 7.9287



38.2334, -6.6089, 5.0234



54.8287, -46.8782, 32.6653



13.9706, -11.8370, 8.0906

Inverse Universe

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



73.4428, 14.0793, -7.4963



84.5485, 21.8448, -12.1984



72.8432, 10.9294, 0.9969



36.4166, 2.8421, -1.0846



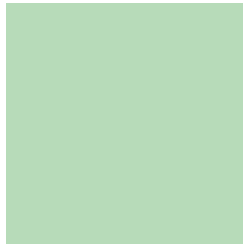
34.0614, 66.1752, -38.7960



8.6921, 16.9216, -10.1680

Previews

White Background



This preview shows how the HunterLab color 80.1456, -20.8392, 15.0654 looks on a white background.

Color Contrast Check

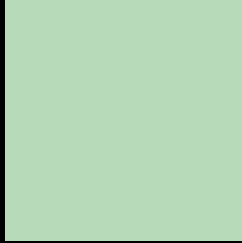
Large Text (above 18pt) WCAG AA × Fail

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 80.1456, -20.8392, 15.0654 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

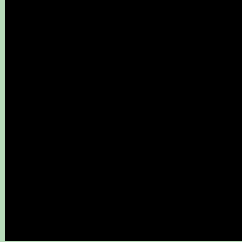
Any Text WCAG AA ✓ Pass

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 80.1456, -20.8392, 15.0654 Background



This preview shows how black text looks on a background with the HunterLab color 80.1456, -20.8392, 15.0654.



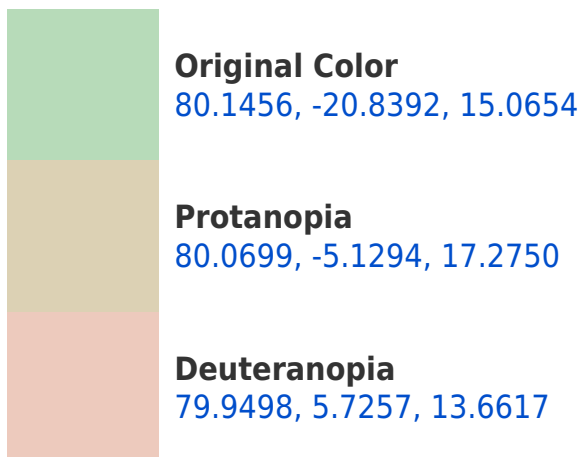
This preview shows how white text looks on a background with the HunterLab color 80.1456,

-20.8392, 15.0654.

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





Tritanopia

80.2359, -7.9036, -6.0170

Trichromacy



Original Color

80.1456, -20.8392, 15.0654

Protanomaly

80.1444, -11.1406, 16.4495

Deuteranomaly

79.6833, -4.4826, 13.6214

Tritanomaly

80.0920, -12.7312, 2.0345

Monochromacy



Original Color

80.1456, -20.8392, 15.0654

Achromatopsia

77.7063, -4.1462, 4.2219

Achromatomaly

78.3377, -10.3019, 8.1115

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.1456, -20.8392, 15.0654 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, 219, 185)` looks like.

```
.text, #text, p{  
    color:rgb(183, 219, 185)  
}
```

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, 219, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 219, 185) }
```

Border

The CSS property to change the border of an element to HunterLab 80.1456, -20.8392, 15.0654 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, 219, 185) }
```


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

```
.border{ border-color:rgb(183, 219, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 219, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 219, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 219, 185); box-shadow:4px 4px 4px 4px rgb(183, 219, 185) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.1456, -20.8392, 15.0654 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 219, 185) }
```

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

```
.background{ background-color: rgb(183,  
219, 185) }
```

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