

Converting Colors

HunterLab(80.5995, -23.5696,
17.3246)

Have a look what the booklet for
HunterLab(80.5995, -23.5696,
17.3246) contains.

HunterLab(80.4435, -23.3557, 17.3346)	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(80.4435,
-23.3557, 17.3346)**

Conversions

Conversions Part 1

Format	Color
Hex	B4DDB4
RGB	180, 221, 180
RGB Percent	71%, 87%, 71%
CMY	0.2941, 0.1333, 0.2941
CMYK	0.19, 0.00, 0.19, 0.13
HSL	120°, 38%, 79%
HSV	120°, 19%, 87%
XYZ	52.9171, 64.7116, 52.8817
YIQ	204.0670, -11.2750, -21.4430

Conversions

Conversions Part 2

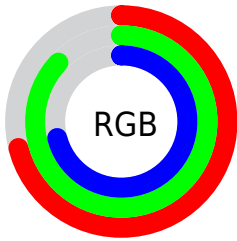
Format	Color
RYB	180, 221, 221
Decimal	11853236
CIELab	84.34, -21.15, 15.78
CIELCh	84, 26.390, 143.269
Yxy	64.7143, 0.3103, 0.3795
Android (android.graphics.Color)	4290043316 (0xFFB4DDB4)
YUV	204.0670, -11.8650, -21.1068
Hunter-Lab	80.4435, -23.3557, 17.3346

Details

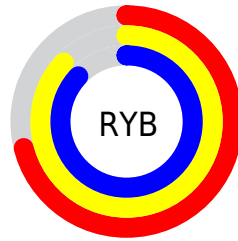
The HunterLab color $80.4435, -23.3557, 17.3346$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $72.9635, 17.1268, -10.3299$, and the grayscale version is $77.7891, -4.1506, 4.2264$.

A 20% lighter version of the original color is $97.6775, -14.7033, 11.7616$, and $57.7207, -19.9283, 14.5938$ is the 20% darker color. If you saturate the color by 10%, you get $78.3835, -32.1850, 23.3015$, and if you desaturate by 10%, it is $82.7982, -13.5731, 10.7244$.

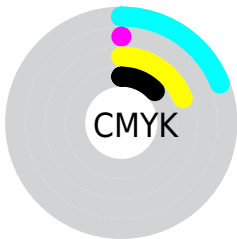
Distribution



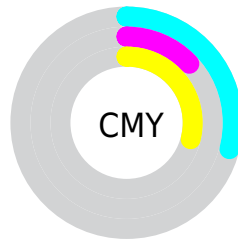
- Red (71%)
- Green (87%)
- Blue (71%)



- Red (71%)
- Yellow (87%)
- Blue (87%)



- Cyan (19%)
- Magenta (0%)
- Yellow (19%)
- Black (13%)



- Cyan (29%)
- Magenta (13%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.4435, -23.3557, 17.3346 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 80.4435, -23.3557, 17.3346 by changing the saturation by 10% instead.

■ 80.4435, -23.3557,
17.3346

■ 80.4435, -23.3557,
17.3346

210.1820,
-38.1004, 30.0915

■ 68.7237, -21.6572,
15.9075

■ 105.6594,
-26.6904, 20.1636

■ 57.6343, -19.9237,
14.4618

119.0998,
-28.3348, 21.5720

■ 47.2153, -18.1447,
12.9893

133.0663,
-29.9702, 22.9808

■ 37.5129, -16.3028,
11.4767

147.5397,
-31.5995, 24.3920

■ 28.5848, -14.3719,
9.9038

162.5028,
-33.2253, 25.8074

■ 20.5049, -12.3094,
8.2379

177.9401,

■ 13.3739, -10.0398,

-34.8497, 27.2284

6.5924

193.8375,
-36.4742, 28.6562

■ 6.9286, -12.1251,
4.8500

0.0000, NaN, NaN

■ 80.4435, -23.3557,
17.3346

■ 80.4435, -23.3557,
17.3346

■ 78.3835, -32.1850,
23.3015

■ 82.7982, -13.5731,
10.7244

■ 76.6192, -39.9436,
28.5458

■ 85.4330, -2.9540,
3.5506

■ 75.1538, -46.5406,
33.0056

■ 88.3377, 8.3770,
-4.1024

■ 73.9838, -51.9136,
36.6384

■ 89.5519, 13.0054,
-7.2282

■ 73.0992, -56.0410,
39.4292

■ 72.4830, -58.9508,
41.3969

■ 72.1093, -60.7296,
42.5999

■ 71.9327, -61.5738,
43.1709

■ 71.9135, -61.6658,
43.2331

Harmonies

Analogous

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



80.4452, -13.9308, 23.2958



80.4435, -23.3557, 17.3346



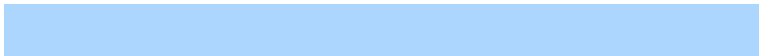
80.4452, -27.6358, 7.1150

Triad

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



80.4452, -23.3573, 17.3356



80.4452, -7.2041, -22.9809



80.4452, 19.9663, 13.2136

Complementary

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



80.4435, -23.3557, 17.3346



72.9635, 17.1268, -10.3299

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.



80.4452, 22.0497, 1.5431



80.4435, -23.3557, 17.3346



80.4452, 5.8134, -20.6578

Square

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



80.4452, -23.3573, 17.3356



80.4452, -18.7002, -17.0932



80.4452, 16.7226, -11.1715



80.4452, 11.1975, 21.1931

Rectangle

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



80.4435, -23.3557, 17.3346



80.4452, -27.1986, -1.2696



80.4452, 16.7226, -11.1715



80.4452, 21.4937, 9.6452

Sweetspot

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



80.4452, -23.3573, 17.3356



98.1154, -12.9199, 10.5566



83.8950, -10.8240, 20.9897



45.3011, -6.3499, 5.1357

0.0000, NaN, NaN



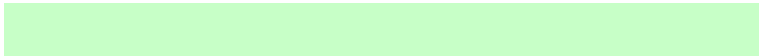
46.2646, -2.4686, 2.5136

Same Dimension

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



80.4452, -23.3573, 17.3356



93.6842, -31.3665, 23.0210



81.0016, -20.1887, 9.3364



38.2181, -6.6942, 5.2420



54.8095, -46.9991, 32.9505



13.9506, -11.9626, 8.3868

Inverse Universe

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



72.9635, 17.1268, -10.3299



83.2351, 25.2367, -15.6596



72.2563, 13.4391, -0.3320



36.4347, 2.9388, -1.3409



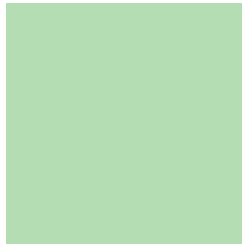
34.5868, 67.9985, -45.6161



8.8033, 17.3076, -11.6107

Previews

White Background



This preview shows how the HunterLab color 80.4435, -23.3557, 17.3346 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 80.4435, -23.3557, 17.3346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

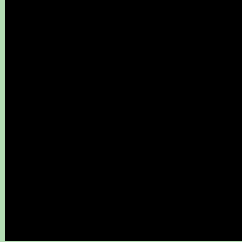
Any Text WCAG AA ✓ Pass

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 80.4435, -23.3557, 17.3346 Background



This preview shows how black text looks on a background with the HunterLab color 80.4435, -23.3557, 17.3346.



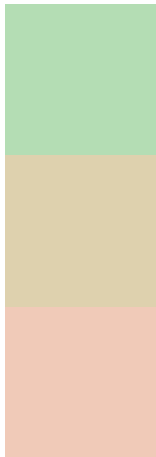
This preview shows how white text looks on a background with the HunterLab color 80.4435,

-23.3557, 17.3346.

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

80.4435, -23.3557, 17.3346

Protanopia

80.1165, -5.2655, 19.6405

Deuteranopia

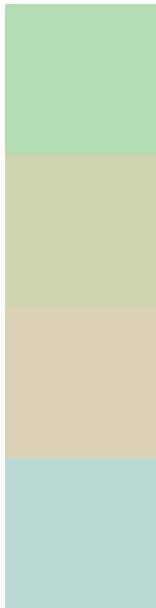
80.1418, 6.1023, 15.9412



Tritanopia

80.4248, -8.7815, -6.3304

Trichromacy



Original Color

80.4435, -23.3557, 17.3346

Protanomaly

79.9928, -11.9850, 18.6374

Deuteranomaly

79.9533, -5.3819, 15.9510

Tritanomaly

80.5098, -14.6355, 3.4831

Monochromacy



Original Color

80.4435, -23.3557, 17.3346

Achromatopsia

77.7063, -4.1462, 4.2219

Achromatomaly

78.5082, -11.4235, 9.1852

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.4435, -23.3557, 17.3346 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(180, 221, 180)` looks like.

```
.text, #text, p{  
    color:rgb(180, 221, 180)  
}
```

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(180, 221, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 221, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 80.4435, -23.3557, 17.3346 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(180, 221, 180) }
```


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

```
.border{ border-color:rgb(180, 221, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 221, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 221, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 221, 180);  
box-shadow:4px 4px 4px 4px rgb(180, 221,  
180) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.4435, -23.3557, 17.3346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 221, 180) }
```

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

```
.background{ background-color: rgb(180,  
221, 180) }
```

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