

Converting Colors

HunterLab(78.4657, -20.3463,
13.3120)

Have a look what the booklet for
HunterLab(78.4657, -20.3463,
13.3120) contains.

HunterLab(78.4657, -20.3463, 13.3120)	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(78.4657,
-20.3463, 13.3120)**

Conversions

Conversions Part 1

Format	Color
Hex	B2D7B9
RGB	178, 215, 185
RGB Percent	70%, 84%, 73%
CMY	0.3020, 0.1568, 0.2745
CMYK	0.17, 0.00, 0.14, 0.16
HSL	131°, 32%, 77%
HSV	131°, 17%, 84%
XYZ	51.4175, 61.5687, 55.0729
YIQ	200.5170, -12.4220, -17.1740

Conversions

Conversions Part 2

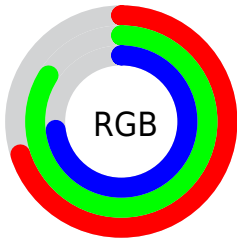
Format	Color
RYB	178, 209, 215
Decimal	11720633
CIELab	82.68, -17.96, 10.79
CIELCh	83, 20.950, 148.988
Yxy	61.5713, 0.3059, 0.3664
Android (android.graphics.Color)	4289910713 (0xFFB2D7B9)
YUV	200.5170, -7.6499, -19.7474
Hunter-Lab	78.4657, -20.3463, 13.3120

Details

The HunterLab color $78.4657, -20.3463, 13.3120$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $71.3046, 13.7323, -5.4440$, and the grayscale version is $76.2559, -4.0688, 4.1431$.

A 20% lighter version of the original color is $97.6541, -14.4851, 9.3946$, and $55.8279, -17.1482, 10.9171$ is the 20% darker color. If you saturate the color by 10%, you get $76.5064, -28.5759, 18.0964$, and if you desaturate by 10%, it is $80.6840, -11.3318, 8.2592$.

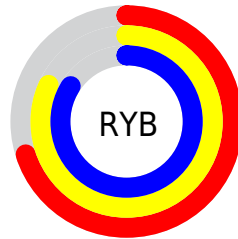
Distribution



Red (70%)

Green (84%)

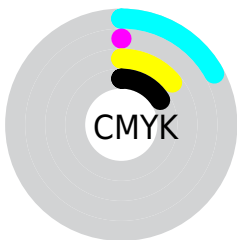
Blue (73%)



Red (70%)

Yellow (82%)

Blue (84%)

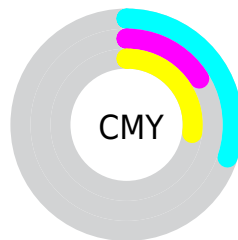


Cyan (17%)

Magenta (0%)

Yellow (14%)

Black (16%)



Cyan (30%)

Magenta (16%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 78.4657, -20.3463, 13.3120 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 78.4657, -20.3463, 13.3120 by changing the saturation by 10% instead.

■ 78.4657, -20.3463,
13.3120

■ 78.4657, -20.3463,
13.3120

207.4525,
-33.8804, 24.1851

■ 66.8479, -18.8130,
12.1477

■ 103.4919,
-23.3743, 15.6578

■ 55.8663, -17.2545,
10.9825

116.8435,
-24.8754, 16.8419

■ 45.5622, -15.6622,
9.8120

130.7244,
-26.3730, 18.0360

■ 35.9834, -14.0213,
8.6280

145.1153,
-27.8695, 19.2411

■ 27.1897, -12.3090,
7.4179

159.9987,
-29.3671, 20.4580

■ 19.2586, -10.4879,
6.1601

175.3587,

■ 12.2968, -8.4898,

-30.8672, 21.6873

4.8739

191.1810,
-32.3713, 22.9296

■ 5.4519, -9.5409,
3.8163

0.0000, NaN, NaN

■ 78.4657, -20.3463,
13.3120

■ 78.4657, -20.3463,
13.3120

■ 76.5064, -28.5759,
18.0964

■ 80.6840, -11.3318,
8.2592

■ 74.8068, -35.9210,
22.5523

■ 83.1481, -1.6285,
2.9907

■ 73.3706, -42.3015,
26.6253

■ 85.8497, 8.6620,
-2.4410

■ 72.1960, -47.6569,
30.2655

■ 87.7873, 16.2539,
-9.3661

■ 71.2760, -51.9556,
33.4320

■ 87.7971, 16.3051,
-9.5037

■ 70.5984, -55.2022,
36.0964

■ 70.1439, -57.4447,
38.2454

■ 69.8825, -58.7927,
39.8794

■ 69.8291, -59.0716,
40.2383

Harmonies

Analogous

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



78.4674, -13.4980, 18.9390



78.4657, -20.3463, 13.3120



78.4674, -22.9054, 4.6009

Triad

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



78.4674, -20.3479, 13.3130



78.4674, -4.5380, -16.8352



78.4674, 13.7666, 12.8090

Complementary

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



78.4657, -20.3463, 13.3120



71.3046, 13.7323, -5.4440

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.



78.4674, 16.4603, 3.9401



78.4657, -20.3463, 13.3120



78.4674, 5.5710, -13.9223

Square

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



78.4674, -20.3479, 13.3130



78.4674, -14.0703, -13.5177



78.4674, 13.3891, -5.9938



78.4674, 6.2026, 18.6753

Rectangle

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



78.4657, -20.3463, 13.3120



78.4674, -21.9380, -2.0642



78.4674, 13.3891, -5.9938



78.4674, 15.2883, 10.1188

Sweetspot

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



78.4674, -20.3479, 13.3130



98.4954, -11.2679, 8.6571



80.7834, -12.3026, 18.6493



45.4735, -5.5913, 4.2125

0.0000, NaN, NaN



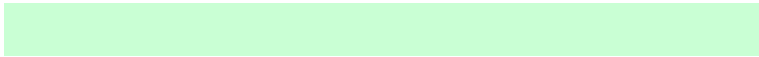
46.2646, -2.4686, 2.5136

Same Dimension

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



78.4674, -20.3479, 13.3130



94.1978, -28.7901, 18.5097



78.9898, -17.3883, 5.8250



37.3283, -6.2324, 4.3746



54.0141, -45.6162, 30.9594



13.3090, -10.9304, 6.9605

Inverse Universe

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



71.3046, 13.7323, -5.4440



83.5632, 21.8618, -9.3450



70.7069, 10.5920, 3.0402



35.4831, 2.5350, -0.4557



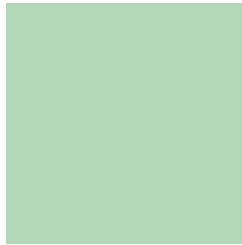
32.3905, 61.1821, -23.3519



8.0214, 15.2607, -6.6294

Previews

White Background



This preview shows how the HunterLab color 78.4657, -20.3463, 13.3120 looks on a white background.

Color Contrast Check

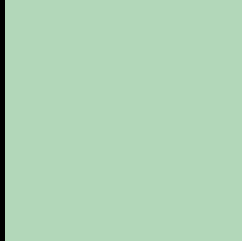
Large Text (above 18pt) WCAG AA × Fail

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 78.4657, -20.3463, 13.3120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

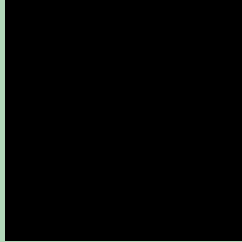
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

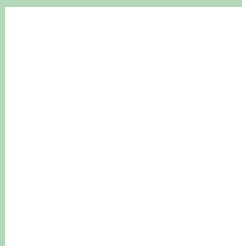
Any Text WCAG AAA ✓ Pass

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

HunterLab 78.4657, -20.3463, 13.3120 Background



This preview shows how black text looks on a background with the HunterLab color 78.4657, -20.3463, 13.3120.



This preview shows how white text looks on a background with the HunterLab color 78.4657,

-20.3463, 13.3120.

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

78.4657, -20.3463, 13.3120

Protanopia

78.3613, -4.7998, 15.5309

Deuteranopia

78.1076, 5.5178, 12.1113



Tritanopia

78.3621, -8.3522, -6.2995

Trichromacy



Original Color

78.4657, -20.3463, 13.3120

Protanomaly

78.4442, -10.7568, 14.6989

Deuteranomaly

77.9555, -4.2708, 12.2042

Tritanomaly

78.2539, -12.9848, 1.2992

Monochromacy



Original Color

78.4657, -20.3463, 13.3120

Achromatopsia

76.4250, -4.0778, 4.1523

Achromatomaly

77.0845, -10.0525, 7.6118

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 78.4657, -20.3463, 13.3120 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(178, 215, 185)` looks like.

```
.text, #text, p{  
    color:rgb(178, 215, 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(178, 215, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 215, 185) }
```

Border

The CSS property to change the border of an element to HunterLab 78.4657, -20.3463, 13.3120 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(178, 215, 185) }
```


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

```
.border{ border-color:rgb(178, 215, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 215, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(178, 215, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(178, 215, 185); box-shadow:4px 4px 4px 4px rgb(178, 215, 185) }
```

Background

The CSS property to change the background color of an element to HunterLab 78.4657, -20.3463, 13.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 215, 185) }
```

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

```
.background{ background-color: rgb(178,  
215, 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