

Converting Colors

HunterLab(84.3003, -20.4320,
10.4956)

Have a look what the booklet for
HunterLab(84.3003, -20.4320,
10.4956) contains.

HunterLab(84.4474, -20.6496, 10.6776)	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(84.4474,
-20.6496, 10.6776)**

Conversions

Conversions Part 1

Format	Color
Hex	BDE5CE
RGB	189, 229, 206
RGB Percent	74%, 90%, 81%
CMY	0.2588, 0.1019, 0.1922
CMYK	0.17, 0.00, 0.10, 0.10
HSL	145°, 43%, 82%
HSV	145°, 17%, 90%
XYZ	60.1461, 71.3136, 68.9873
YIQ	214.4180, -16.4570, -15.6330

Conversions

Conversions Part 2

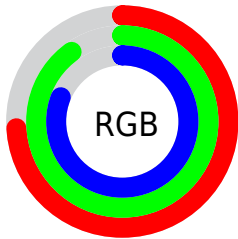
Format	Color
RYB	189, 217, 229
Decimal	12445134
CIELab	87.64, -17.45, 6.91
CIELCh	88, 18.765, 158.399
Yxy	71.3166, 0.3001, 0.3558
Android (android.graphics.Color)	4290635214 (0xFFBDE5CE)
YUV	214.4180, -4.1501, -22.2916
Hunter-Lab	84.4474, -20.6496, 10.6776

Details

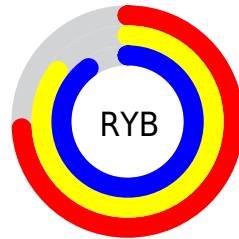
The HunterLab color $84.4474, -20.6496, 10.6776$ is a light color, and the websafe version is hex $CCFFFF$. A complement of this color would be $76.0318, 13.4334, -1.4888$, and the grayscale version is $82.2070, -4.3864, 4.4665$.

A 20% lighter version of the original color is $99.1629, -8.2600, 4.3927$, and $61.0778, -17.4497, 8.4942$ is the 20% darker color. If you saturate the color by 10%, you get $82.4633, -28.7759, 14.1056$, and if you desaturate by 10%, it is $86.6875, -11.7810, 7.2929$.

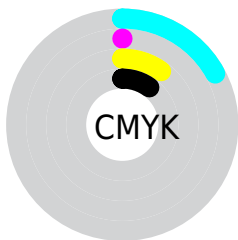
Distribution



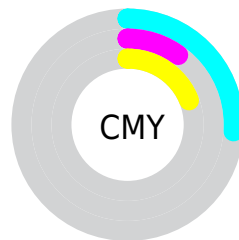
- Red (74%)
- Green (90%)
- Blue (81%)



- Red (74%)
- Yellow (85%)
- Blue (90%)



- Cyan (17%)
- Magenta (0%)
- Yellow (10%)
- Black (10%)



- Cyan (26%)
- Magenta (10%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.4474, -20.6496, 10.6776 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 84.4474, -20.6496, 10.6776 by changing the saturation by 10% instead.

■ 84.4474, -20.6496,
10.6776

■ 84.4474, -20.6496,
10.6776

215.6756,
-33.9903, 20.2054

■ 72.5263, -19.1512,
9.7047

■ 110.0384,
-23.6198, 12.6748

■ 61.2242, -17.6332,
8.7453

123.6548,
-25.0963, 13.6981

■ 50.5791, -16.0889,
7.7985

137.7907,
-26.5716, 14.7388

■ 40.6344, -14.5064,
6.8614

152.4276,
-28.0477, 15.7969

■ 31.4434, -12.8683,
5.9292

167.5489,
-29.5263, 16.8727

■ 23.0738, -11.1467,
4.9939

183.1397,

■ 15.6160, -9.2936,

-31.0089, 17.9661

4.0404

199.1861,
-32.4966, 19.0770

■ 9.1959, -8.7587,
3.6146

0.0000, NaN, NaN

■ 84.4474, -20.6496,
10.6776

■ 84.4474, -20.6496,
10.6776

■ 82.4633, -28.7759,
14.1056

■ 86.6875, -11.7810,
7.2929

■ 80.7344, -36.0723,
17.5374

■ 89.1714, -2.2542,
3.9786

■ 79.2637, -42.4695,
20.9341

■ 91.6105, 6.8982,
0.3988

■ 78.0483, -47.9160,
24.2525

■ 91.9355, 8.6335,
-4.2120

■ 77.0812, -52.3856,
27.4484

■ 76.3497, -55.8844,
30.4783

■ 75.8347, -58.4576,
33.3006

■ 75.5060, -60.2086,
35.8744

■ 75.4389, -60.5763,
36.4748

Harmonies

Analogous

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



84.4492, -15.4355, 16.9803



84.4474, -20.6496, 10.6776



84.4492, -21.6408, 2.0493

Triad

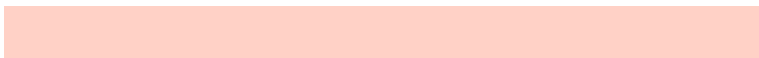
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.4492, -20.6512, 10.6787



84.4492, -1.8570, -14.2216



84.4492, 10.1110, 14.5846

Complementary

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



84.4474, -20.6496, 10.6776



76.0318, 13.4334, -1.4888

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.



84.4492, 14.1043, 7.0673



84.4474, -20.6496, 10.6776



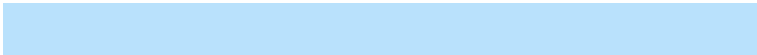
84.4492, 6.9998, -10.0025

Square

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



84.4492, -20.6512, 10.6787



84.4492, -11.0554, -12.9831



84.4492, 12.9415, -1.9741



84.4492, 2.2400, 19.0580

Rectangle

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



84.4474, -20.6496, 10.6776



84.4492, -19.8139, -3.9871



84.4492, 12.9415, -1.9741



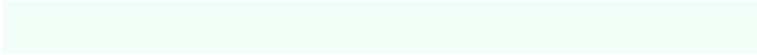
84.4492, 11.9667, 12.3646

Sweetspot

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



84.4492, -20.6512, 10.6787



98.5892, -10.7487, 7.3170



85.8852, -16.3392, 19.3996



45.5227, -5.3182, 3.5085

0.0000, NaN, NaN



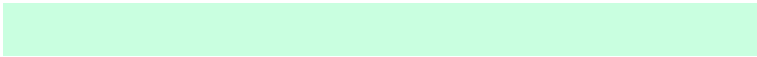
46.2646, -2.4686, 2.5136

Same Dimension

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



84.4492, -20.6512, 10.6787



94.5479, -26.7879, 13.4757



85.0490, -17.2631, 2.1099



40.2372, -6.3466, 3.7153



57.0613, -45.6779, 27.2838



15.5703, -12.0520, 6.5554

Inverse Universe

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



76.0318, 13.4334, -1.4888



83.1164, 19.5493, -3.0299



75.4157, 10.1872, 7.2900



38.0871, 2.3472, 0.6022



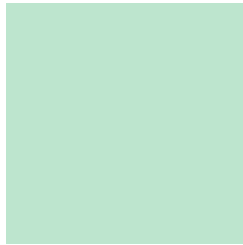
32.3981, 58.4832, -2.3243



8.9115, 16.2748, -2.0993

Previews

White Background



This preview shows how the HunterLab color 84.4474, -20.6496, 10.6776 looks on a white background.

Color Contrast Check

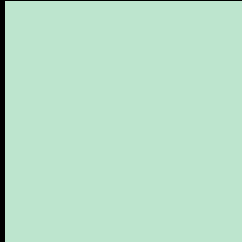
Large Text (above 18pt) WCAG AA × Fail

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 84.4474, -20.6496, 10.6776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

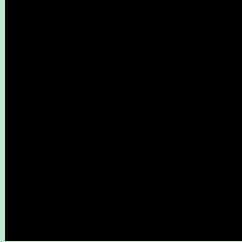
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

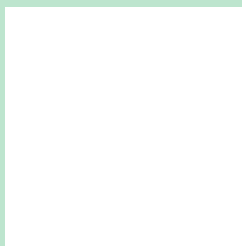
Any Text WCAG AAA ✓ Pass

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

HunterLab 84.4474, -20.6496, 10.6776 Background



This preview shows how black text looks on a background with the HunterLab color 84.4474, -20.6496, 10.6776.



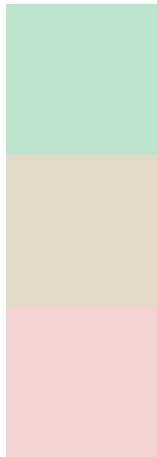
This preview shows how white text looks on a background with the HunterLab color 84.4474,

-20.6496, 10.6776.

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

84.4474, -20.6496, 10.6776

Protanopia

84.1468, -4.0875, 13.2774

Deuteranopia

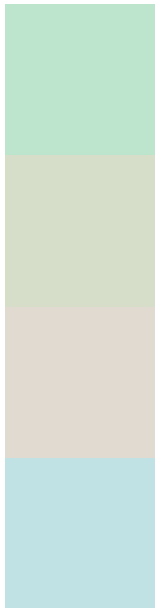
84.2456, 6.1509, 9.1083



Tritanopia

84.4537, -10.0128, -7.1099

Trichromacy



Original Color

84.4474, -20.6496, 10.6776

Protanomaly

84.1445, -10.3971, 12.2952

Deuteranomaly

84.0200, -4.0129, 9.1356

Tritanomaly

84.4910, -14.0619, -0.2017

Monochromacy



Original Color

84.4474, -20.6496, 10.6776

Achromatopsia

82.0026, -4.3755, 4.4554

Achromatomaly

82.6712, -10.2322, 6.5642

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.4474, -20.6496, 10.6776 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(189, 229, 206)` looks like.

```
.text, #text, p{  
    color:rgb(189, 229, 206)  
}
```

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(189, 229, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 229, 206) }
```

Border

The CSS property to change the border of an element to HunterLab 84.4474, -20.6496, 10.6776 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(189, 229, 206) }
```


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

```
.border{ border-color:rgb(189, 229, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 229, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 229, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 229, 206);  
box-shadow:4px 4px 4px 4px rgb(189, 229,  
206) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.4474, -20.6496, 10.6776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 229, 206) }
```

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

```
.background{ background-color: rgb(189,  
229, 206) }
```

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