

Converting Colors

HunterLab(87.7498, -33.2665,
31.0530)

Have a look what the booklet for
HunterLab(87.7498, -33.2665,
31.0530) contains.

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Color

**HunterLab(87.6705,
-33.1273, 30.9506)**

Conversions

Conversions Part 1

Format	Color
Hex	BDF2A0
RGB	189, 242, 160
RGB Percent	74%, 95%, 63%
CMY	0.2588, 0.0510, 0.3725
CMYK	0.22, 0.00, 0.34, 0.05
HSL	99°, 76%, 79%
HSV	99°, 34%, 95%
XYZ	59.0836, 76.8612, 44.9794
YIQ	216.8050, -5.2660, -36.7380

Conversions

Conversions Part 2

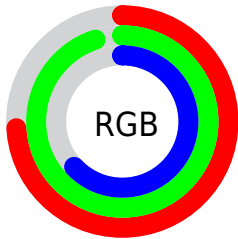
Format	Color
RYB	160, 242, 213
Decimal	12448416
CIELab	90.26, -31.29, 34.25
CIELCh	90, 46.389, 132.410
Yxy	76.8645, 0.3266, 0.4248
Android (android.graphics.Color)	4290638496 (0xFFBDF2A0)
YUV	216.8050, -28.0049, -24.3850
Hunter-Lab	87.6705, -33.1273, 30.9506

Details

The HunterLab color $87.6705, -33.1273, 30.9506$ is a light color, and the websafe version is hex $CCFF99$. A complement of this color would be $67.6024, 29.6706, -31.5032$, and the grayscale version is $83.3351, -4.4466, 4.5278$.

A 20% lighter version of the original color is $97.9893, -14.7636, 21.2225$, and $64.2408, -28.7932, 25.9868$ is the 20% darker color. If you saturate the color by 10%, you get $86.1420, -39.8954, 36.4008$, and if you desaturate by 10%, it is $89.3897, -25.6260, 24.4810$.

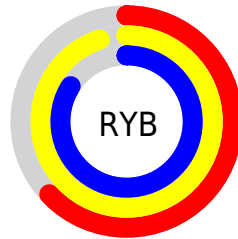
Distribution



Red (74%)

Green (95%)

Blue (63%)



Red (63%)

Yellow (95%)

Blue (84%)

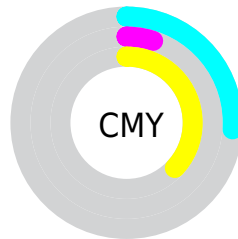


Cyan (22%)

Magenta (0%)

Yellow (34%)

Black (5%)



Cyan (26%)

Magenta (5%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.6705, -33.1273, 30.9506 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 87.6705, -33.1273, 30.9506 by changing the saturation by 10% instead.

87.6705, -33.1273,
30.9506

87.6705, -33.1273,
30.9506

220.0686,
-51.6661, 50.9008

75.5921, -30.9164,
28.5217

113.5553,
-37.4179, 35.6250

64.1241, -28.6421,
26.0103

127.3098,
-39.5107, 37.8907

53.3030, -26.2895,
23.3964

141.5787,
-41.5777, 40.1197

43.1700, -23.8351,
20.6524

156.3441,
-43.6236, 42.3185

33.7756, -21.2448,
17.7404

171.5898,
-45.6523, 44.4920

25.1832, -18.4662,
14.6086

187.3013,

17.4759, -15.4126,

-47.6673, 46.6447

12.0722

203.4650,
-49.6711, 48.7799

■ 10.7705, -13.6153,
7.5393

■ 1.6940, -2.9645,
1.1858

■ 87.6705, -33.1273,
30.9506

■ 87.6705, -33.1273,
30.9506

■ 86.1420, -39.8954,
36.4008

■ 89.3897, -25.6260,
24.4810

■ 84.7990, -45.8841,
40.8127

■ 91.2917, -17.4354,
17.0230

■ 83.6417, -51.0677,
44.1929

■ 93.3749, -8.6130,
8.6243

■ 82.6662, -55.4348,
46.5741

■ 95.5735, 0.4513,
0.2089

■ 81.8655, -58.9948,
48.0222

■ 95.9101, 1.6005,
0.6424

■ 81.2293, -61.7830,
48.6471

■ 80.9110, -63.1603,
48.7513

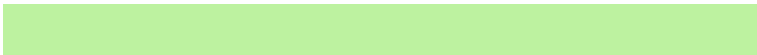
Harmonies

Analogous

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



87.6724, -14.1853, 37.2337



87.6705, -33.1273, 30.9506



87.6724, -43.7396, 16.7965

Triad

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



87.6724, -33.1292, 30.9514



87.6724, -17.9276, -46.8990



87.6724, 43.9675, 13.5178

Complementary

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



87.6705, -33.1273, 30.9506



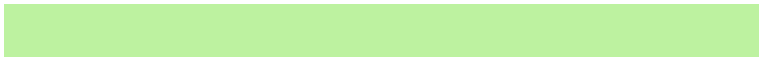
67.6024, 29.6706, -31.5032

Split Complementary

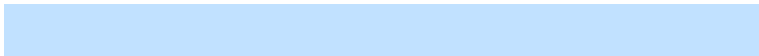
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.6724, 42.6933, -9.2406



87.6705, -33.1273, 30.9506



87.6724, 5.2427, -48.4565

Square

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



87.6724, -33.1292, 30.9514



87.6724, -35.6195, -29.4573



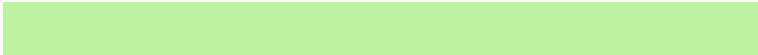
87.6724, 27.9281, -33.2764



87.6724, 31.2451, 29.0984

Rectangle

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



87.6705, -33.1273, 30.9506



87.6724, -45.4233, 2.9454



87.6724, 27.9281, -33.2764



87.6724, 45.1970, 6.5606

Sweetspot

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



87.6724, -33.1292, 30.9514



97.7097, -14.9678, 14.7427



82.7479, -1.3730, 27.1344



45.0631, -7.5276, 7.3902

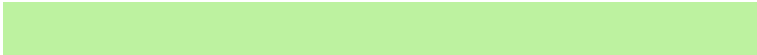
0.0000, NaN, NaN



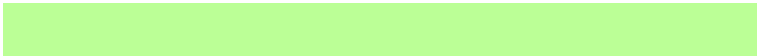
46.2646, -2.4686, 2.5136

Same Dimension

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



87.6724, -33.1292, 30.9514



91.8447, -40.4295, 37.1369



85.9762, -39.1847, 25.7448



42.3418, -6.2537, 6.1678



59.3602, -46.0467, 35.7713



17.2774, -12.6283, 10.4252

Inverse Universe

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



67.6024, 29.6706, -31.5032



66.3976, 39.5949, -42.8733



70.5650, 37.4557, -19.4286



39.6681, 2.0400, -2.0087



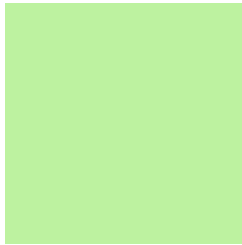
27.0978, 59.1147, -81.0074



8.1627, 17.4887, -21.9328

Previews

White Background



This preview shows how the HunterLab color 87.6705, -33.1273, 30.9506 looks on a white background.

Color Contrast Check

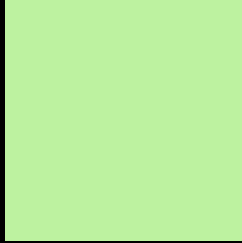
Large Text (above 18pt) WCAG AA × Fail

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 87.6705, -33.1273, 30.9506 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

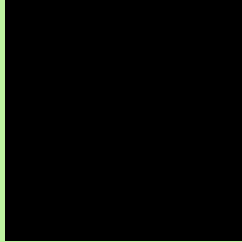
Any Text WCAG AA ✓ Pass

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 87.6705, -33.1273, 30.9506 Background



This preview shows how black text looks on a background with the HunterLab color 87.6705, -33.1273, 30.9506.



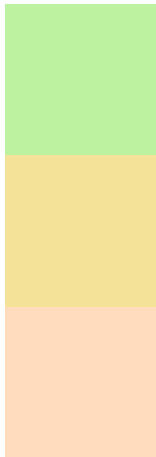
This preview shows how white text looks on a background with the HunterLab color 87.6705,

-33.1273, 30.9506.

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

87.6705, -33.1273, 30.9506

Protanopia

87.2382, -8.2060, 33.1300

Deuteranopia

87.2471, 2.8449, 21.0940



Tritanopia

87.5716, -9.9487, -6.8915

Trichromacy



Original Color

87.6705, -33.1273, 30.9506



Protanomaly

87.2474, -17.8399, 32.0752



Deuteranomaly

87.0000, -11.2264, 24.7083



Tritanomaly

87.4255, -19.2170, 9.0154

Monochromacy



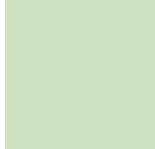
Original Color

87.6705, -33.1273, 30.9506



Achromatopsia

83.2990, -4.4446, 4.5258



Achromatomaly

84.6426, -15.4929, 15.3031

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.6705, -33.1273, 30.9506 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, 242, 160)` looks like.

```
.text, #text, p{  
    color:rgb(189, 242, 160)  
}
```

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, 242, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 242, 160) }
```

Border

The CSS property to change the border of an element to HunterLab 87.6705, -33.1273, 30.9506 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, 242, 160) }
```


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

```
.border{ border-color:rgb(189, 242, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 242, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 242, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 242, 160);  
box-shadow:4px 4px 4px 4px rgb(189, 242,  
160) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.6705, -33.1273, 30.9506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 242, 160) }
```

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

```
.background{ background-color: rgb(189,  
242, 160) }
```

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](#).

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