

Converting Colors

HunterLab(87.1639, -30.0635,
32.0845)

Have a look what the booklet for
HunterLab(87.1639, -30.0635,
32.0845) contains.

HunterLab(87.1607, -30.0462, 32.0876)	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(87.1607,
-30.0462, 32.0876)**

Conversions

Conversions Part 1

Format	Color
Hex	C5EF9B
RGB	197, 239, 155
RGB Percent	77%, 94%, 61%
CMY	0.2274, 0.0627, 0.3921
CMYK	0.18, 0.00, 0.35, 0.06
HSL	90°, 72%, 77%
HSV	90°, 35%, 94%
XYZ	59.8089, 75.9699, 42.5217
YIQ	216.8660, 1.9320, -35.0280

Conversions

Conversions Part 2

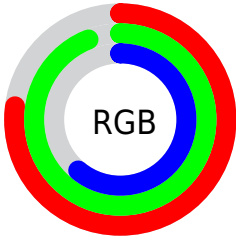
Format	Color
RYB	155, 239, 197
Decimal	12971931
CIELab	89.85, -27.77, 36.30
CIELCh	90, 45.707, 127.413
Yxy	75.9732, 0.3354, 0.4261
Android (android.graphics.Color)	4291162011 (0xFFC5EF9B)
YUV	216.8660, -30.4999, -17.4225
Hunter-Lab	87.1607, -30.0462, 32.0876

Details

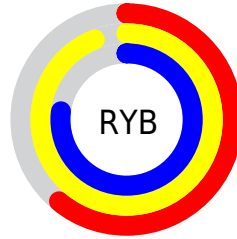
The HunterLab color **87.1607, -30.0462, 32.0876** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **64.4571, 26.5794, -34.9355**, and the grayscale version is **83.3698, -4.4484, 4.5296**.

A 20% lighter version of the original color is **98.7082, -12.4593, 23.9816**, and **63.7158, -25.9532, 26.8664** is the 20% darker color. If you saturate the color by 10%, you get **85.8476, -35.8919, 37.4155**, and if you desaturate by 10%, it is **88.6201, -23.6056, 25.6955**.

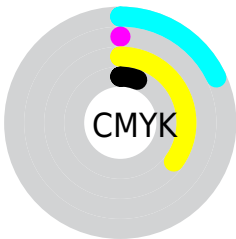
Distribution



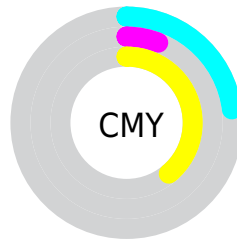
- Red (77%)
- Green (94%)
- Blue (61%)



- Red (61%)
- Yellow (94%)
- Blue (77%)



- Cyan (18%)
- Magenta (0%)
- Yellow (35%)
- Black (6%)





- Cyan (23%)
- Magenta (6%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.1607, -30.0462, 32.0876 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 87.1607, -30.0462, 32.0876 by changing the saturation by 10% instead.


 87.1607, -30.0462,
32.0876


 87.1607, -30.0462,
32.0876


219.3755,
-47.2530, 52.8852

 75.1069, -28.0189,
29.5378


 112.9996,
-33.9977, 36.9828

 63.6649, -25.9395,
26.8968


 126.7324,
-35.9324, 39.3501

 52.8713, -23.7955,
24.1433


140.9804,
-37.8477, 41.6760

 42.7677, -21.5665,
21.2476

155.7257,
-39.7476, 43.9673

 33.4050, -19.2228,
18.1699

170.9519,
-41.6356, 46.2296

 24.8472, -16.7184,
14.8571


186.6444,

 17.1787, -13.9769,


-43.5143, 48.4675


12.0251


202.7897,
-45.3861, 50.6849


 10.5178, -12.3270,
7.3625


0.0000, NaN, NaN


 87.1607, -30.0462,
32.0876


 87.1607, -30.0462,
32.0876


 85.8476, -35.8919,
37.4155


 88.6201, -23.6056,
25.6955


 84.6743, -41.1154,
41.6773

 90.2195, -16.5920,
18.2526

 83.6407, -45.7074,
44.8945

 91.9592, -9.0411,
9.7891

 82.7430, -49.6684,
47.1123

 93.8370, -0.9901,
0.3448

■ 81.9753, -53.0138,
48.4063

■ 94.9822, 3.2152,
-0.4724

■ 81.3288, -55.7797,
48.8936

■ 81.0513, -56.9546,
48.9463

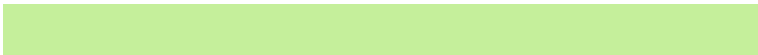
Harmonies

Analogous

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



87.1626, -10.3162, 37.1196



87.1607, -30.0462, 32.0876



87.1626, -42.0128, 19.4712

Triad

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



87.1626, -30.0483, 32.0884



87.1626, -21.0775, -44.0150



87.1626, 43.9417, 10.0253

Complementary

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



87.1607, -30.0462, 32.0876



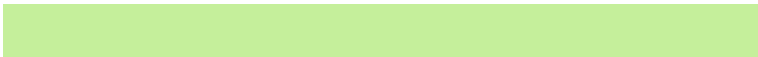
64.4571, 26.5794, -34.9355

Split Complementary

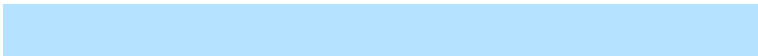
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.1626, 40.2935, -13.1064



87.1607, -30.0462, 32.0876



87.1626, 1.1536, -48.4565

Square

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



87.1626, -30.0483, 32.0884



87.1626, -37.2225, -25.0499



87.1626, 24.0246, -35.9603



87.1626, 33.5297, 26.7213

Rectangle

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



87.1607, -30.0462, 32.0876



87.1626, -44.7599, 6.6311



87.1626, 24.0246, -35.9603



87.1626, 44.3362, 2.8148

Sweetspot

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



87.1626, -30.0483, 32.0884



97.8568, -14.5871, 16.0339



77.8798, 4.6272, 24.4611



45.1566, -7.2548, 7.9808

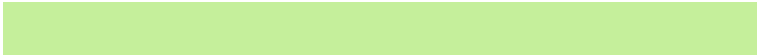
0.0000, NaN, NaN



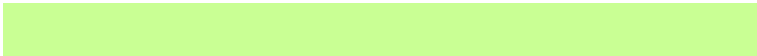
46.2646, -2.4686, 2.5136

Same Dimension

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



87.1626, -30.0483, 32.0884



92.8086, -36.8135, 38.6718



84.3040, -41.0241, 29.4195



42.4789, -5.7647, 6.3249



60.3156, -42.0710, 36.4296



17.5659, -11.4409, 10.6237

Inverse Universe

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



64.4571, 26.5794, -34.9355



63.9132, 35.7091, -47.7560



69.3019, 40.7350, -26.4509



39.5183, 1.5339, -2.2101



23.8943, 55.3324, -96.2858



7.3083, 16.4359, -25.6655

Previews

White Background



This preview shows how the HunterLab color 87.1607, -30.0462, 32.0876 looks on a white background.

Color Contrast Check

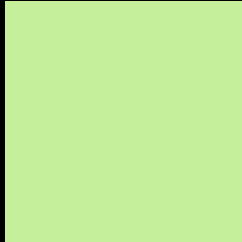
Large Text (above 18pt) WCAG AA × Fail

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 87.1607, -30.0462, 32.0876 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

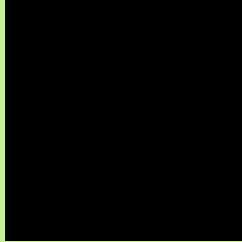
Any Text WCAG AA ✓ Pass

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 87.1607, -30.0462, 32.0876 Background



This preview shows how black text looks on a background with the HunterLab color 87.1607, -30.0462, 32.0876.



This preview shows how white text looks on a background with the HunterLab color 87.1607,

-30.0462, 32.0876.

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

87.1607, -30.0462, 32.0876

Protanopia

86.8521, -8.1131, 33.9654

Deuteranopia

86.8238, 2.7089, 22.5811



Tritanopia

87.0875, -6.9665, -5.8180

Trichromacy



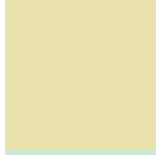
Original Color

87.1607, -30.0462, 32.0876



Protanomaly

86.7882, -16.3869, 33.1900



Deuteranomaly

86.5461, -9.8231, 26.0730



Tritanomaly

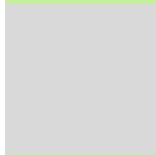
86.8887, -16.3782, 10.2981

Monochromacy



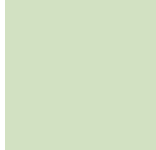
Original Color

87.1607, -30.0462, 32.0876



Achromatopsia

83.2990, -4.4446, 4.5258



Achromatomaly

84.5264, -14.3706, 16.0325

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.1607, -30.0462, 32.0876 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(197, 239, 155)` looks like.

```
.text, #text, p{  
    color:rgb(197, 239, 155)  
}
```

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(197, 239, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 239, 155) }
```

Border

The CSS property to change the border of an element to HunterLab 87.1607, -30.0462, 32.0876 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(197, 239, 155) }
```


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

```
.border{ border-color:rgb(197, 239, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 239, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 239, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 239, 155);  
box-shadow:4px 4px 4px 4px rgb(197, 239,  
155) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.1607, -30.0462, 32.0876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 239, 155) }
```

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

```
.background{ background-color: rgb(197,  
239, 155) }
```

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