

Converting Colors

HunterLab(87.2892, -57.4512,
24.5183)

Have a look what the booklet for
HunterLab(87.2892, -57.4512,
24.5183) contains.

HunterLab(87.2870, -57.4614, 24.5263)	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(87.2870,
-57.4614, 24.5263)**

Conversions

Conversions Part 1

Format	Color
Hex	4BFFB1
RGB	75, 255, 177
RGB Percent	29%, 100%, 69%
CMY	0.7059, 0.0000, 0.3059
CMYK	0.71, 0.00, 0.31, 0.00
HSL	154°, 100%, 65%
HSV	154°, 71%, 100%
XYZ	46.5975, 76.1902, 53.8453
YIQ	192.2880, -82.2420, -62.4180

Conversions

Conversions Part 2

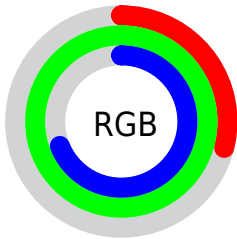
Format	Color
RYB	75, 190, 255
Decimal	4980657
CIELab	89.95, -62.41, 24.51
CIELCh	90, 67.053, 158.561
Yxy	76.1905, 0.2638, 0.4313
Android (android.graphics.Color)	4283170737 (0xFF4BFFB1)
YUV	192.2880, -7.5370, -102.8616
Hunter-Lab	87.2870, -57.4614, 24.5263

Details

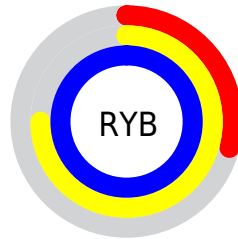
The HunterLab color **87.2870, -57.4614, 24.5263** is a light color, and the websafe version is hex **66FF99**. The color can be described as light washed spring green. A complement of this color would be **53.4723, 71.6847, 0.7872**, and the grayscale version is **72.7811, -3.8834, 3.9543**.

A 20% lighter version of the original color is **91.2866, -38.5776, 5.5051**, and **64.3333, -47.0904, 21.2436** is the 20% darker color. If you saturate the color by 10%, you get **86.5662, -60.9075, 27.5819**, and if you desaturate by 10%, it is **88.2561, -53.0097, 21.4730**.

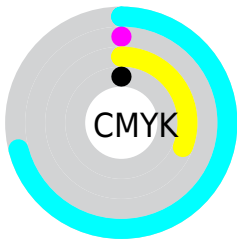
Distribution



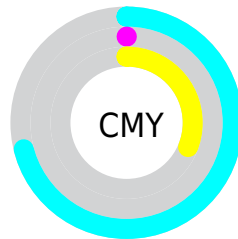
- Red (29%)
- Green (100%)
- Blue (69%)



- Red (29%)
- Yellow (75%)
- Blue (100%)



- Cyan (71%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)





- Cyan (71%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 87.2870, -57.4614, 24.5263 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 87.2870, -57.4614, 24.5263 by changing the saturation by 10% instead.


 87.2870, -57.4614,
24.5263


 87.2870, -57.4614,
24.5263


219.5449,
-88.3493, 40.6125


 75.2255, -53.5187,
22.6393


 113.1354,
-64.9256, 28.2019


 63.7771, -49.3987,
20.7078


 126.8735,
-68.4910, 30.0059

 52.9767, -45.0596,
18.7172


 141.1266,
-71.9662, 31.7941

 42.8660, -40.4457,
16.6479

 155.8768,
-75.3634, 33.5705

 33.4955, -35.4780,
14.4724

171.1078,
-78.6925, 35.3381

 24.9292, -30.0402,
12.1492

186.8050,

 17.2512, -24.2366,

-81.9620, 37.0996

9.7009

202.9548,
-85.1790, 38.8571

■ 10.5794, -18.5140,
7.4056

0.0000, NaN, NaN

■ 87.2870, -57.4614,
24.5263

■ 87.2870, -57.4614,
24.5263

■ 86.5662, -60.9075,
27.5819

■ 88.2561, -53.0097,
21.4730

■ 86.0683, -63.4209,
30.5920

■ 89.4898, -47.5290,
18.4712

■ 85.7607, -65.0938,
33.3253

■ 90.9992, -41.0288,
15.5636

■ 92.7895, -33.5494,
12.7888

■ 94.8618, -25.1540,
10.1795

■ 97.2133, -15.9219,
7.7620

99.8378, -5.9420,
5.5557

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



87.2872, -41.7165, 40.6790



87.2870, -57.4614, 24.5263



87.2872, -60.2553, -5.0001

Triad

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



87.2872, -57.4606, 24.5256



87.2872, 5.2623, -81.5800



87.2872, 52.4268, 35.2566

Complementary

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



87.2870, -57.4614, 24.5263



53.4723, 71.6847, 0.7872

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.



87.2872, 69.6628, 13.4932



87.2870, -57.4614, 24.5263



87.2872, 39.8357, -59.0317

Square

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



87.2872, -57.4606, 24.5256



87.2872, -27.2486, -74.9920



87.2872, 64.7334, -21.1094



87.2872, 20.4836, 45.0239

Rectangle

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



87.2870, -57.4614, 24.5263



87.2872, -54.8852, -30.4275



87.2872, 64.7334, -21.1094



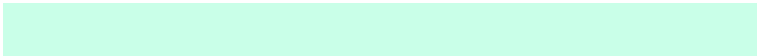
87.2872, 60.3387, 29.5169

Sweetspot

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



87.2872, -57.4606, 24.5256



94.7705, -25.5186, 10.2838



88.7697, -54.4690, 49.2993



43.5689, -12.9144, 5.0837

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.2872, -57.4606, 24.5256



86.3207, -62.1259, 28.9193



85.3331, -38.4618, -13.8255



45.1006, -6.8827, 3.4758



62.0173, -46.9012, 23.7299



19.4082, -14.2855, 6.5797

Inverse Universe

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



53.4723, 71.6847, 0.7872



49.3285, 80.5575, 5.4928



53.4652, 59.7414, 26.6080



42.5650, 2.4057, 1.3971



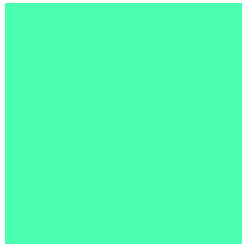
34.2511, 60.4738, 8.0418



10.7874, 19.2344, 1.0742

Previews

White Background



This preview shows how the HunterLab color 87.2870, -57.4614, 24.5263 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 87.2870, -57.4614, 24.5263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

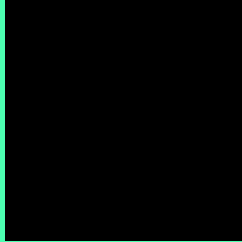
Any Text WCAG AA ✓ Pass

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 87.2870, -57.4614, 24.5263 Background



This preview shows how black text looks on a background with the HunterLab color 87.2870, -57.4614, 24.5263.



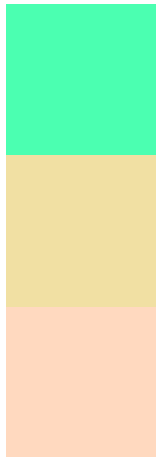
This preview shows how white text looks on a background with the HunterLab color 87.2870,

-57.4614, 24.5263.

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

87.2870, -57.4614, 24.5263

Protanopia

86.4039, -7.5413, 29.3328

Deuteranopia

86.3987, 4.6964, 19.4959



Tritanopia

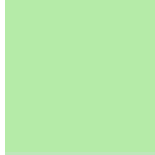
86.7461, -26.0183, -11.6663

Trichromacy



Original Color

87.2870, -57.4614, 24.5263



Protanomaly

84.8926, -31.1660, 25.8916



Deuteranomaly

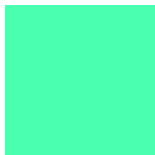
84.6429, -24.3896, 19.1895



Tritanomaly

86.5539, -39.2748, 2.8650

Monochromacy



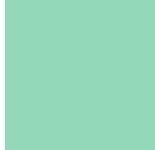
Original Color

87.2870, -57.4614, 24.5263



Achromatopsia

72.6027, -3.8739, 3.9446



Achromatomaly

76.5365, -27.4390, 10.2612

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.2870, -57.4614, 24.5263 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(75, 255, 177)` looks like.

```
.text, #text, p{  
    color:rgb(75, 255, 177)  
}
```

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(75, 255, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 255, 177) }
```

Border

The CSS property to change the border of an element to HunterLab 87.2870, -57.4614, 24.5263 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(75, 255, 177) }
```


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

```
.border{ border-color:rgb(75, 255, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 255, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 255, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 255, 177);  
box-shadow:4px 4px 4px 4px rgb(75, 255,  
177) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.2870, -57.4614, 24.5263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 255, 177) }
```

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

```
.background{ background-color: rgb(75, 255,  
177) }
```

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