

Converting Colors

HunterLab(89.4589, -46.2051,
20.2092)

Have a look what the booklet for
HunterLab(89.4589, -46.2051,
20.2092) contains.

HunterLab(89.4285, -46.1531, 20.0676)	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(89.4285,
-46.1531, 20.0676)**

Conversions

Conversions Part 1

Format	Color
Hex	87FEC3
RGB	135, 254, 195
RGB Percent	53%, 100%, 76%
CMY	0.4706, 0.0039, 0.2353
CMYK	0.47, 0.00, 0.23, 0.00
HSL	150°, 98%, 76%
HSV	150°, 47%, 100%
XYZ	55.2837, 79.9746, 64.1525
YIQ	211.6930, -51.9850, -43.5770

Conversions

Conversions Part 2

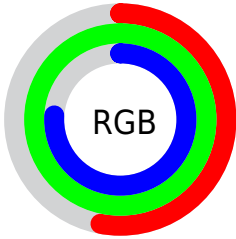
Format	Color
RYB	135, 214, 254
Decimal	8912579
CIELab	91.67, -46.74, 17.98
CIElCh	92, 50.077, 158.961
Yxy	79.9778, 0.2772, 0.4011
Android (android.graphics.Color)	4287102659 (0xFF87FEC3)
YUV	211.6930, -8.2296, -67.2598
Hunter-Lab	89.4285, -46.1531, 20.0676

Details

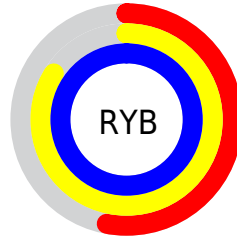
The HunterLab color **89.4285, -46.1531, 20.0676** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **65.0351, 48.8851, -5.6028**, and the grayscale version is **81.0600, -4.3252, 4.4041**.

A 20% lighter version of the original color is **94.8776, -23.8440, 0.4943**, and **65.8418, -40.1934, 17.1760** is the 20% darker color. If you saturate the color by 10%, you get **88.0740, -52.1660, 23.4160**, and if you desaturate by 10%, it is **91.0691, -39.1089, 16.7505**.

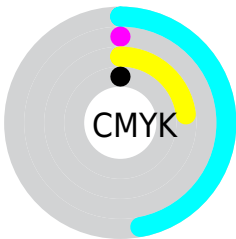
Distribution



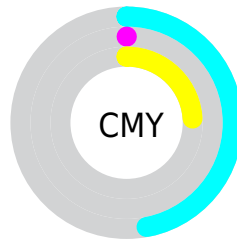
- Red (53%)
- Green (100%)
- Blue (76%)



- Red (53%)
- Yellow (84%)
- Blue (100%)



- Cyan (47%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)





- Cyan (47%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 89.4285, -46.1531, 20.0676 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 89.4285, -46.1531, 20.0676 by changing the saturation by 10% instead.


 89.4285, -46.1531,
20.0676


 89.4285, -46.1531,
20.0676


222.4541,
-70.6456, 33.6566

 77.2658, -43.1179,
18.5357


 115.4706,
-51.9630, 23.0982

 65.7092, -39.9680,
16.9829


 129.2990,
-54.7636, 24.6035

 54.7941, -36.6774,
15.4013


 143.6392,
-57.5089, 26.1066

 44.5610, -33.2088,
13.7790

158.4736,
-60.2070, 27.6099

 35.0585, -29.5087,
12.0981

173.7861,
-62.8646, 29.1152

 26.3480, -25.4974,
10.3317

189.5624,

 18.5094, -21.0479,

-65.4873, 30.6239

8.4362

205.7891,
-68.0796, 32.1374

■ 11.6531, -19.0528,
7.3919

■ 4.3061, -7.5356,
3.0142

■ 89.4285, -46.1531,
20.0676

■ 89.4285, -46.1531,
20.0676

■ 88.0740, -52.1660,
23.4160

■ 91.0691, -39.1089,
16.7505

■ 86.9919, -57.1180,
26.7470

■ 92.9937, -31.0842,
13.5042

■ 86.1697, -61.0188,
30.0131

■ 95.2031, -22.1551,
10.3667

■ 85.5858, -63.9194,
33.1653

■ 97.6927, -12.4098,
7.3690

■ 85.2085, -65.9270,
36.1531

99.6827, -4.8078,
5.0684

■ 85.1157, -66.4425,
37.0431

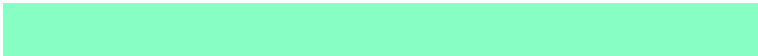
Harmonies

Analogous

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



89.4303, -33.6107, 34.1090



89.4285, -46.1531, 20.0676



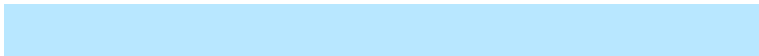
89.4303, -48.3031, -2.7195

Triad

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



89.4303, -46.1542, 20.0685



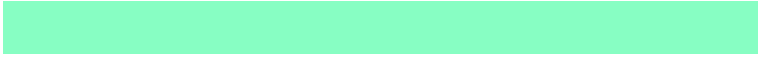
89.4303, 3.0028, -54.6703



89.4303, 36.7058, 29.5440

Complementary

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



89.4285, -46.1531, 20.0676



65.0351, 48.8851, -5.6028

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.



89.4303, 49.0912, 11.8438



89.4285, -46.1531, 20.0676



89.4303, 28.2479, -39.6124

Square

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



89.4303, -46.1542, 20.0685



89.4303, -21.7339, -50.6369



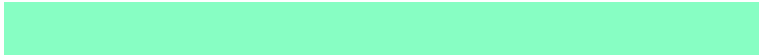
89.4303, 45.8335, -13.5811



89.4303, 13.5467, 38.4163

Rectangle

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



89.4285, -46.1531, 20.0676



89.4303, -43.8187, -20.8381



89.4303, 45.8335, -13.5811



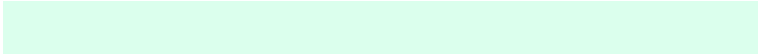
89.4303, 42.3790, 24.6643

Sweetspot

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



89.4303, -46.1542, 20.0685



96.3113, -19.5459, 9.5400



91.7452, -39.5488, 41.0270



44.3173, -9.9951, 4.7192

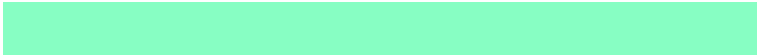
0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

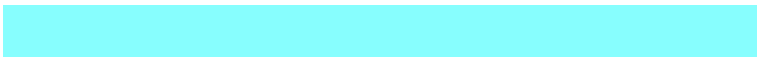
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.4303, -46.1542, 20.0685



88.5702, -51.9328, 23.2383



91.2105, -35.6899, -5.3748



45.0788, -7.0043, 3.7874



61.8249, -48.0927, 26.5427



19.3487, -14.6531, 7.4476

Inverse Universe

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



65.0351, 48.8851, -5.6028



60.2590, 59.2566, -5.9116



63.3638, 40.9882, 18.3132



42.5879, 2.5285, 1.0713



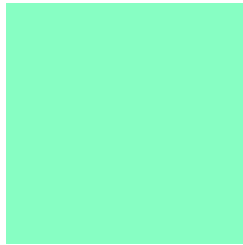
34.5425, 61.5376, 3.8513



10.8802, 19.5717, -0.2482

Previews

White Background



This preview shows how the HunterLab color 89.4285, -46.1531, 20.0676 looks on a white background.

Color Contrast Check

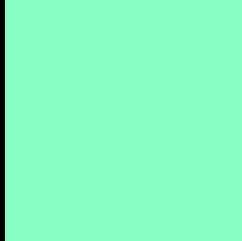
Large Text (above 18pt) WCAG AA × Fail

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 89.4285, -46.1531, 20.0676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

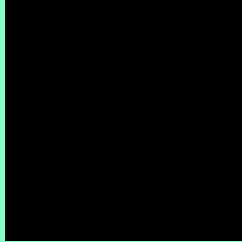
Any Text WCAG AA ✓ Pass

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 89.4285, -46.1531, 20.0676 Background



This preview shows how black text looks on a background with the HunterLab color 89.4285, -46.1531, 20.0676.



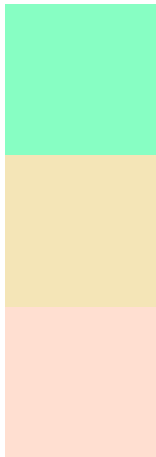
This preview shows how white text looks on a background with the HunterLab color 89.4285, -46.1531, 20.0676.

-46.1531, 20.0676.

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

89.4285, -46.1531, 20.0676

Protanopia

88.7077, -6.5858, 24.6030

Deuteranopia

88.6785, 4.1052, 14.3844



Tritanopia

89.2829, -20.1037, -8.1624

Trichromacy



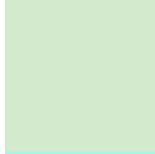
Original Color

89.4285, -46.1531, 20.0676



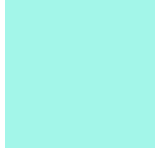
Protanomaly

88.0763, -23.5238, 22.2123



Deuteranomaly

87.7805, -16.9947, 15.2070



Tritanomaly

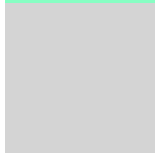
89.2083, -30.5199, 3.1991

Monochromacy



Original Color

89.4285, -46.1531, 20.0676



Achromatopsia

81.1403, -4.3294, 4.4085



Achromatomaly

83.4175, -21.0635, 9.5295

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 89.4285, -46.1531, 20.0676 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(135, 254, 195)` looks like.

```
.text, #text, p{  
    color:rgb(135, 254, 195)  
}
```

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(135, 254, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 254, 195) }
```

Border

The CSS property to change the border of an element to HunterLab 89.4285, -46.1531, 20.0676 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(135, 254, 195) }
```


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

```
.border{ border-color:rgb(135, 254, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 254, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 254, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 254, 195);  
box-shadow:4px 4px 4px 4px rgb(135, 254,  
195) }
```

Background

The CSS property to change the background color of an element to HunterLab 89.4285, -46.1531, 20.0676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 254, 195) }
```

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

```
.background{ background-color: rgb(135,  
254, 195) }
```

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