

# Converting Colors

HunterLab(86.4175, -56.1500,  
23.0772)

Have a look what the booklet for  
HunterLab(86.4175, -56.1500,  
23.0772) contains.

<b>HunterLab(86.2624, -55.9227, 22.8627)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(86.2624,  
-55.9227, 22.8627)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4CFCB3
RGB	76, 252, 179
RGB Percent	30%, 99%, 70%
CMY	0.7019, 0.0117, 0.2980
CMYK	0.70, 0.00, 0.29, 0.01
HSL	155°, 97%, 64%
HSV	155°, 70%, 99%
XYZ	45.9276, 74.4120, 54.5901
YIQ	191.0540, -81.4630, -60.0150

# Conversions

## Conversions Part 2

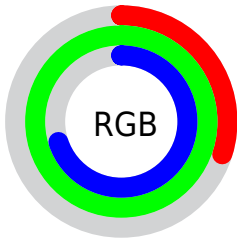
Format	Color
<a href="#">RYB</a>	<a href="#">76, 187, 252</a>
Decimal	<a href="#">5045427</a>
CIELab	<a href="#">89.12, -60.73, 22.35</a>
CIELCh	<a href="#">89, 64.716, 159.794</a>
Yxy	<a href="#">74.4150, 0.2626, 0.4254</a>
Android (android.graphics.Color)	<a href="#">4283235507 (0xFF4FCB3)</a>
YUV	<a href="#">191.0540, -5.9426, -100.9024</a>
Hunter-Lab	<a href="#">86.2624, -55.9227, 22.8627</a>

# Details

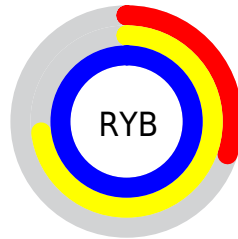
The HunterLab color **86.2624, -55.9227, 22.8627** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **52.9490, 69.6832, 2.0046**, and the grayscale version is **72.2537, -3.8553, 3.9257**.

A 20% lighter version of the original color is **91.3991, -38.0194, 4.6685**, and **63.3166, -45.8006, 19.7302** is the 20% darker color. If you saturate the color by 10%, you get **85.5394, -59.3658, 25.8057**, and if you desaturate by 10%, it is **87.2330, -51.4988, 19.9524**.

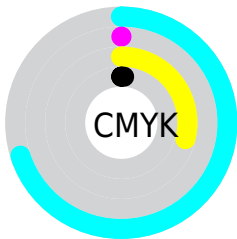
# Distribution



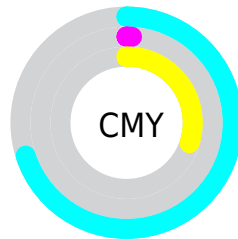
- Red (30%)
- Green (99%)
- Blue (70%)



- Red (30%)
- Yellow (73%)
- Blue (99%)



- Cyan (70%)
- Magenta (0%)
- Yellow (29%)
- Black (1%)




- Cyan (70%)
- Magenta (1%)
- Yellow (30%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.2624, -55.9227, 22.8627 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 86.2624, -55.9227, 22.8627 by changing the saturation by 10% instead.





 86.2624, -55.9227,  
22.8627


 86.2624, -55.9227,  
22.8627


218.1523,  
-86.1821, 38.1228

 74.2521, -52.0654,  
21.0917


 112.0196,  
-63.2311, 26.3282


 62.8560, -48.0328,  
19.2819


 125.7141,  
-66.7222, 28.0337

 52.1112, -43.7854,  
17.4214


 139.9252,  
-70.1257, 29.7276

 42.0598, -39.2673,  
15.4922

 154.6348,  
-73.4535, 31.4133

 32.7534, -34.3995,  
13.4688

169.8266,  
-76.7155, 33.0935

 24.2572, -29.0648,  
11.3121

185.4856,

 16.6576, -23.4812,

-79.9198, 34.7707

9.0200

201.5983,  
-83.0734, 36.4465

■ 10.0762, -17.6334,  
7.0533

0.0000, NaN, NaN

■ 86.2624, -55.9227,  
22.8627

■ 86.2624, -55.9227,  
22.8627

■ 85.5394, -59.3658,  
25.8057

■ 87.2330, -51.4988,  
19.9524

■ 85.0352, -61.8917,  
28.7302


■ 88.4624, -46.0685,  
17.1177


■ 84.7071, -63.6648,  
31.5746


■ 89.9623, -39.6441,  
14.4005


■ 84.7025, -63.6904,  
31.6187

■ 91.7379, -32.2661,  
11.8367

 93.7900, -23.9964,  
9.4562

 96.1156, -14.9128,  
7.2822

 98.7089, -5.1020,  
5.3312

 99.0472, -3.7452,  
4.3343

# Harmonies

## Analogous

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



86.2641, -41.1875, 39.1064



86.2624, -55.9227, 22.8627



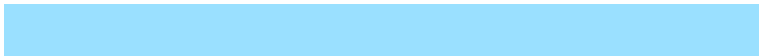
86.2641, -58.1151, -6.0814

# Triad

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



86.2641, -55.9235, 22.8635



86.2641, 6.3218, -77.2019



86.2641, 49.0581, 34.8159

# Complementary

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



86.2624, -55.9227, 22.8627



52.9490, 69.6832, 2.0046

# 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.



86.2641, 66.2959, 14.2398



86.2624, -55.9227, 22.8627



86.2641, 39.3110, -54.8663

# Square

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



86.2641, -55.9235, 22.8635



86.2641, -25.2165, -72.1447



86.2641, 62.4857, -18.5546



86.2641, 18.1387, 44.0152



# Rectangle

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



86.2624, -55.9227, 22.8627



86.2641, -52.5625, -30.5169



86.2641, 62.4857, -18.5546



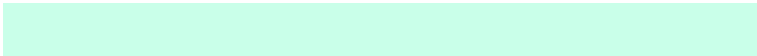
86.2641, 56.8388, 29.3895

# Sweetspot

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



86.2641, -55.9235, 22.8635



94.8003, -25.3488, 9.8568



87.5025, -54.0439, 48.3389



43.5844, -12.8261, 4.8624

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



86.2641, -55.9235, 22.8635



86.4558, -61.3549, 27.4085



83.2643, -36.5206, -14.9133



44.1358, -6.6903, 3.3080



61.1567, -45.8153, 22.4616



18.6685, -13.5940, 6.0115



# Inverse Universe

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



52.9490, 69.6832, 2.0046



49.4311, 79.7199, 6.6723



53.5204, 56.9701, 26.4007



41.6469, 2.3086, 1.4629



33.6666, 59.3005, 9.0003

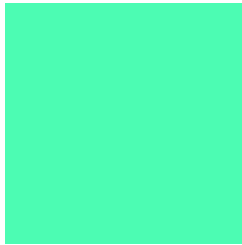


10.3456, 18.4118, 1.3009



# Previews

## White Background



This preview shows how the HunterLab color 86.2624, -55.9227, 22.8627 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

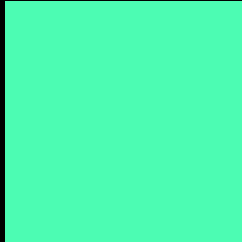
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 86.2624, -55.9227, 22.8627 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

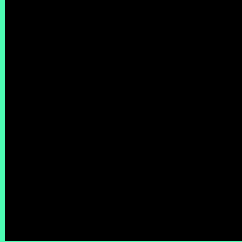
Any Text WCAG AA ✓ Pass

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 86.2624, -55.9227, 22.8627 Background



This preview shows how black text looks on a background with the HunterLab color 86.2624, -55.9227, 22.8627.



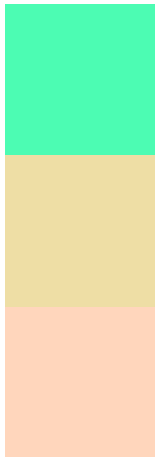
This preview shows how white text looks on a background with the HunterLab color 86.2624,

-55.9227, 22.8627.

# 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

86.2624, -55.9227, 22.8627

### Protanopia

85.5198, -7.3670, 27.8886

### Deuteranopia

85.4307, 5.8728, 19.7258



## Tritanopia

85.8414, -27.6594, -12.9340

# Trichromacy



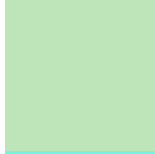
## Original Color

86.2624, -55.9227, 22.8627



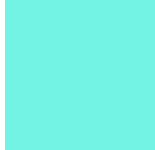
## Protanomaly

84.1212, -30.5374, 24.4962



## Deuteranomaly

83.6282, -23.1158, 18.5856



## Tritanomaly

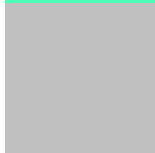
85.6108, -39.3422, 1.7343

# Monochromacy



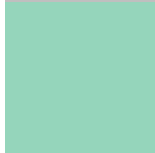
## Original Color

86.2624, -55.9227, 22.8627



## Achromatopsia

72.1800, -3.8513, 3.9217



## Achromatomaly

75.8722, -26.5351, 9.5489

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.2624, -55.9227, 22.8627 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(76, 252, 179)` looks like.

```
.text, #text, p{  
    color:rgb(76, 252, 179)  
}
```

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(76, 252, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 252, 179) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.2624, -55.9227, 22.8627 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(76, 252, 179) }
```



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

```
.border{ border-color:rgb(76, 252, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 252, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 252, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 252, 179);  
box-shadow:4px 4px 4px 4px rgb(76, 252,  
179) }
```

# Background

The CSS property to change the background color of an element to HunterLab 86.2624, -55.9227, 22.8627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 252, 179) }
```

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

```
.background{ background-color: rgb(76, 252,  
179) }
```

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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