

Converting Colors

HunterLab(75.7867, -44.3567,
17.5065)

Have a look what the booklet for
HunterLab(75.7867, -44.3567,
17.5065) contains.

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Color

**HunterLab(75.6682,
-44.1680, 17.2071)**

Conversions

Conversions Part 1

Format	Color
Hex	5BDEA7
RGB	91, 222, 167
RGB Percent	36%, 87%, 65%
CMY	0.6431, 0.1294, 0.3451
CMYK	0.59, 0.00, 0.25, 0.13
HSL	155°, 67%, 61%
HSV	155°, 59%, 87%
XYZ	37.4108, 57.2568, 45.6391
YIQ	176.5610, -60.4210, -44.8770

Conversions

Conversions Part 2

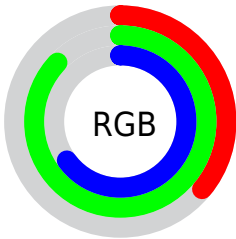
Format	Color
RYB	91, 174, 222
Decimal	6020775
CIELab	80.33, -48.76, 16.40
CIELCh	80, 51.444, 161.411
Yxy	57.2591, 0.2666, 0.4081
Android (android.graphics.Color)	4284210855 (0xFF5BDEA7)
YUV	176.5610, -4.7136, -75.0370
Hunter-Lab	75.6682, -44.1680, 17.2071

Details

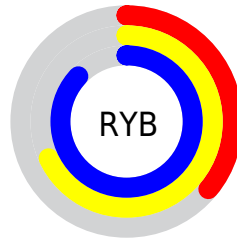
The HunterLab color **75.6682, -44.1680, 17.2071** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **50.0884, 51.5273, -0.4263**, and the grayscale version is **66.1624, -3.5303, 3.5947**.

A 20% lighter version of the original color is **91.3089, -39.1589, 10.7049**, and **53.4071, -37.4603, 14.2471** is the 20% darker color. If you saturate the color by 10%, you get **74.8066, -48.0960, 19.7294**, and if you desaturate by 10%, it is **76.7569, -39.3802, 14.7509**.

Distribution



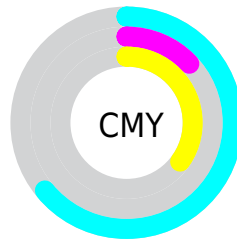
- Red (36%)
- Green (87%)
- Blue (65%)



- Red (36%)
- Yellow (68%)
- Blue (87%)



- Cyan (59%)
- Magenta (0%)
- Yellow (25%)
- Black (13%)





- Cyan (64%)
- Magenta (13%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 75.6682, -44.1680, 17.2071 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 75.6682, -44.1680, 17.2071 by changing the saturation by 10% instead.


 75.6682, -44.1680,
17.2071


 75.6682, -44.1680,
17.2071


203.5729,
-70.0387, 30.1972


 64.1976, -40.8818,
15.7396


 100.4207,
-50.3921, 20.1036


 53.3721, -37.4406,
14.2478


 113.6442,
-53.3678, 21.5413

 43.2344, -33.8041,
12.7214


 127.4021,
-56.2722, 22.9768

 33.8350, -29.9131,
11.1439

 141.6743,
-59.1160, 24.4129

 25.2370, -25.6789,
9.4896

156.4430,
-61.9079, 25.8515

 17.5236, -20.9599,
7.7165

171.6918,

 10.8110, -18.9193,

-64.6551, 27.2942

7.0299

187.4063,
-67.3637, 28.7424

■ 1.8971, -3.3199,
1.3279

0.0000, NaN, NaN

■ 75.6682, -44.1680,
17.2071

■ 75.6682, -44.1680,
17.2071

■ 74.8066, -48.0960,
19.7294

■ 76.7569, -39.3802,
14.7509

■ 74.1546, -51.1773,
22.2774


■ 78.0764, -33.7437,
12.3932


■ 73.6946, -53.4629,
24.8107


■ 79.6318, -27.2961,
10.1652

■ 73.3914, -55.0803,
27.2781


■ 81.4236, -20.0922,
8.0920


 73.3649, -55.2245,
27.5142

 83.4488, -12.1991,
6.1932

 85.7022, -3.6911,
4.4827

 88.1768, 5.3547,
2.9692

 89.3810, 9.9887,
-0.2485

 89.7011, 11.6864,
-4.7878

Harmonies

Analogous

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



75.6697, -33.0906, 30.8678



75.6682, -44.1680, 17.2071



75.6697, -45.3677, -5.4243

Triad

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



75.6697, -44.1688, 17.2078



75.6697, 5.6333, -55.2580



75.6697, 35.1768, 28.4139

Complementary

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



75.6682, -44.1680, 17.2071



50.0884, 51.5273, -0.4263

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.



75.6697, 48.6472, 12.5612



75.6682, -44.1680, 17.2071



75.6697, 30.1815, -38.4486

Square

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



75.6697, -44.1688, 17.2078



75.6697, -18.6607, -52.7775



75.6697, 46.7096, -11.8278



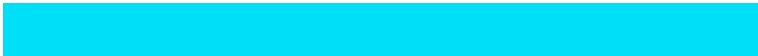
75.6697, 11.7792, 35.7496

Rectangle

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



75.6682, -44.1680, 17.2071



75.6697, -40.6138, -23.5653



75.6697, 46.7096, -11.8278



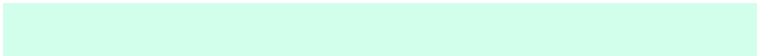
75.6697, 41.1441, 24.1640

Sweetspot

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



75.6697, -44.1688, 17.2078



95.4622, -22.7368, 9.2664



76.9900, -41.5709, 39.0903



43.8643, -11.7126, 4.6044

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.6697, -44.1688, 17.2078



87.3086, -57.2820, 23.8406



74.3123, -30.6929, -9.8858



39.3318, -5.9275, 2.9601



56.5614, -42.4370, 20.9126



14.9508, -10.8060, 4.6398

Inverse Universe

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



50.0884, 51.5273, -0.4263



53.2464, 71.7127, 1.9525



50.3484, 41.4563, 20.0939



37.1424, 2.0172, 1.2901



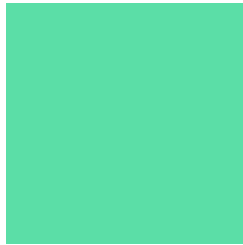
31.1721, 54.9638, 7.8900



8.3133, 14.8591, 0.5479

Previews

White Background



This preview shows how the HunterLab color 75.6682, -44.1680, 17.2071 looks on a white background.

Color Contrast Check

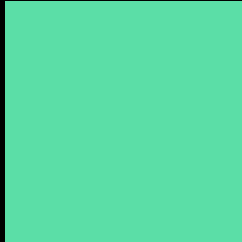
Large Text (above 18pt) WCAG AA × Fail

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 75.6682, -44.1680, 17.2071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

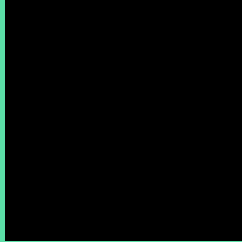
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

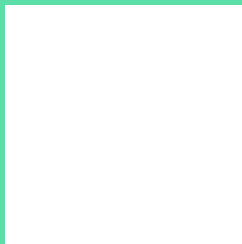
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 75.6682, -44.1680, 17.2071 Background



This preview shows how black text looks on a background with the HunterLab color 75.6682, -44.1680, 17.2071.



This preview shows how white text looks on a background with the HunterLab color 75.6682, -44.1680, 17.2071.

-44.1680, 17.2071.

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

75.6682, -44.1680, 17.2071

Protanopia

74.9319, -5.4799, 21.5398

Deuteranopia

74.7599, 5.5160, 14.4052



Tritanopia

75.7017, -26.0111, -13.0198

Trichromacy



Original Color

75.6682, -44.1680, 17.2071



Protanomaly

74.0684, -22.9424, 18.9826



Deuteranomaly

73.7641, -16.8637, 14.1898



Tritanomaly

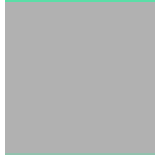
75.5796, -33.2908, -0.8239

Monochromacy



Original Color

75.6682, -44.1680, 17.2071



Achromatopsia

66.3066, -3.5380, 3.6026



Achromatomaly

68.7518, -20.4442, 7.9124

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.6682, -44.1680, 17.2071 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(91, 222, 167)` looks like.

```
.text, #text, p{  
    color:rgb(91, 222, 167)  
}
```

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(91, 222, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 222, 167) }
```

Border

The CSS property to change the border of an element to HunterLab 75.6682, -44.1680, 17.2071 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(91, 222, 167) }
```


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

```
.border{ border-color:rgb(91, 222, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 222, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 222, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 222, 167);  
box-shadow:4px 4px 4px 4px rgb(91, 222,  
167) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.6682, -44.1680, 17.2071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 222, 167) }
```

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

```
.background{ background-color: rgb(91, 222,  
167) }
```

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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