

Converting Colors

HunterLab(77.7005, -44.5491,
14.9829)

Have a look what the booklet for
HunterLab(77.7005, -44.5491,
14.9829) contains.

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Color

**HunterLab(77.7024,
-44.5052, 14.9619)**

Conversions

Conversions Part 1

Format	Color
Hex	5BE3B2
RGB	91, 227, 178
RGB Percent	36%, 89%, 70%
CMY	0.6431, 0.1098, 0.3020
CMYK	0.60, 0.00, 0.22, 0.11
HSL	158°, 71%, 62%
HSV	158°, 60%, 89%
XYZ	39.8193, 60.3766, 51.6746
YIQ	180.7500, -65.3270, -44.0710

Conversions

Conversions Part 2

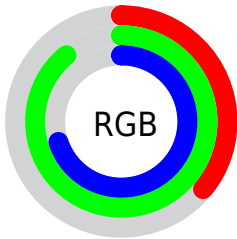
Format	Color
RYB	91, 174, 227
Decimal	6022066
CIELab	82.04, -48.47, 13.04
CIELCh	82, 50.190, 164.946
Yxy	60.3790, 0.2622, 0.3976
Android (android.graphics.Color)	4284212146 (0xFF5BE3B2)
YUV	180.7500, -1.3558, -78.7108
Hunter-Lab	77.7024, -44.5052, 14.9619

Details

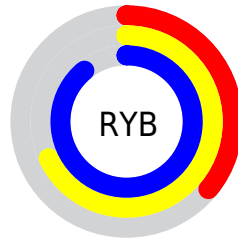
The HunterLab color **77.7024, -44.5052, 14.9619** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **50.7030, 52.6362, 3.1490**, and the grayscale version is **67.8983, -3.6229, 3.6890**.

A 20% lighter version of the original color is **91.7256, -36.8304, 5.5603**, and **55.3231, -37.8848, 12.6334** is the 20% darker color. If you saturate the color by 10%, you get **76.8607, -48.3129, 17.2469**, and if you desaturate by 10%, it is **78.7723, -39.8384, 12.8006**.

Distribution



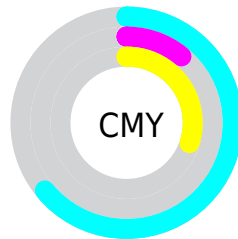
- Red (36%)
- Green (89%)
- Blue (70%)



- Red (36%)
- Yellow (68%)
- Blue (89%)



- Cyan (60%)
- Magenta (0%)
- Yellow (22%)
- Black (11%)





- Cyan (64%)
- Magenta (11%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 77.7024, -44.5052, 14.9619 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 77.7024, -44.5052, 14.9619 by changing the saturation by 10% instead.


 77.7024, -44.5052,
14.9619


 77.7024, -44.5052,
14.9619


206.3961,
-70.1602, 26.6689


 66.1243, -41.2594,
13.6792


 102.6544,
-50.6632, 17.5233


 55.1849, -37.8658,
12.3871


 115.9714,
-53.6114, 18.8071

 44.9258, -34.2864,
11.0788


 129.8190,
-56.4909, 20.0963

 35.3954, -30.4665,
9.7433

 144.1778,
-59.3120, 21.3924

 26.6544, -26.3240,
8.3632

159.0300,
-62.0831, 22.6969

 18.7819, -21.7297,
6.9098

174.3599,

 11.8869, -19.5392,

-64.8111, 24.0106

5.6254

190.1530,
-67.5019, 25.3344

■ 4.7567, -8.3242,
3.3297

0.0000, NaN, NaN

■ 77.7024, -44.5052,
14.9619

■ 77.7024, -44.5052,
14.9619

■ 76.8607, -48.3129,
17.2469

■ 78.7723, -39.8384,
12.8006

■ 76.2285, -51.2809,
19.6161

■ 80.0748, -34.3180,
10.7928

■ 75.7869, -53.4671,
22.0289

■ 81.6160, -27.9769,
8.9661

■ 75.4948, -55.0235,
24.4275

■ 83.3971, -20.8659,
7.3414

■ 75.4925, -55.0362,
24.4484

■ 85.4156, -13.0490,
5.9339

■ 87.6670, -4.5987,
4.7525

■ 90.1443, 4.4094,
3.8009

■ 90.9382, 7.6110,
0.6601

■ 91.2163, 9.0938,
-3.2870

Harmonies

Analogous

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



77.7039, -34.6264, 29.6740



77.7024, -44.5052, 14.9619



77.7039, -44.5238, -8.1996

Triad

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



77.7039, -44.5059, 14.9627



77.7039, 8.3391, -52.5092



77.7039, 31.9670, 29.6371

Complementary

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



77.7024, -44.5052, 14.9619



50.7030, 52.6362, 3.1490

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.



77.7039, 46.6381, 14.8938



77.7024, -44.5052, 14.9619



77.7039, 31.8940, -34.5062

Square

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



77.7039, -44.5059, 14.9627



77.7039, -15.9772, -52.4733



77.7039, 46.6098, -8.2933



77.7039, 8.4294, 36.1891

Rectangle

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



77.7024, -44.5052, 14.9619



77.7039, -39.0253, -25.9644



77.7039, 46.6098, -8.2933



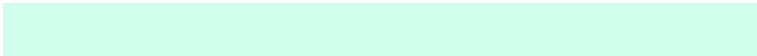
77.7039, 38.2210, 25.7178

Sweetspot

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



77.7039, -44.5059, 14.9627



95.5459, -22.2630, 8.0693



78.3243, -45.1764, 39.9793



43.9089, -11.4591, 3.9668

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.7039, -44.5059, 14.9627



87.4884, -56.0762, 20.3603



73.0123, -27.6595, -14.5111



40.3034, -5.9774, 2.7694



57.6708, -41.9060, 18.3795



15.7333, -11.0472, 4.1826

Inverse Universe

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



50.7030, 52.6362, 3.1490



52.5733, 71.2198, 6.7167



52.9655, 38.9185, 22.2381



38.0176, 1.9744, 1.5912



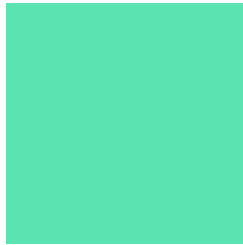
31.4611, 55.0660, 11.1204



8.6529, 15.3373, 1.5678

Previews

White Background



This preview shows how the HunterLab color 77.7024, -44.5052, 14.9619 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 77.7024, -44.5052, 14.9619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

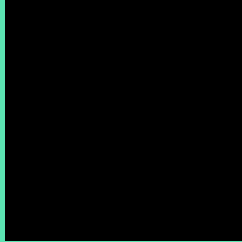
Any Text WCAG AA ✓ Pass

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 77.7024, -44.5052, 14.9619 Background



This preview shows how black text looks on a background with the HunterLab color 77.7024, -44.5052, 14.9619.



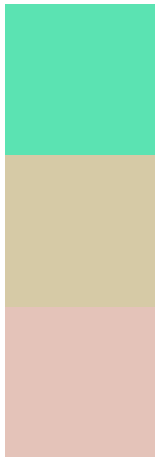
This preview shows how white text looks on a background with the HunterLab color 77.7024,

-44.5052, 14.9619.

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

77.7024, -44.5052, 14.9619

Protanopia

77.0002, -5.5469, 19.5713

Deuteranopia

76.8290, 5.5699, 12.0184



Tritanopia

77.5609, -27.1666, -13.9297

Trichromacy



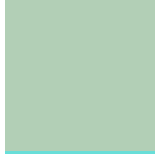
Original Color

77.7024, -44.5052, 14.9619



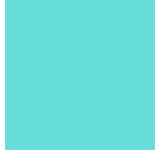
Protanomaly

76.1090, -23.1668, 16.8664



Deuteranomaly

75.8077, -17.0118, 11.8014



Tritanomaly

77.5522, -33.9251, -2.4740

Monochromacy



Original Color

77.7024, -44.5052, 14.9619



Achromatopsia

67.9762, -3.6270, 3.6933



Achromatomaly

70.6961, -21.0938, 6.9799

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.7024, -44.5052, 14.9619 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, 227, 178)` looks like.

```
.text, #text, p{  
    color:rgb(91, 227, 178)  
}
```

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, 227, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 227, 178) }
```

Border

The CSS property to change the border of an element to HunterLab 77.7024, -44.5052, 14.9619 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, 227, 178) }
```


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

```
.border{ border-color:rgb(91, 227, 178) }
```

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

Here you see how a box with a 4 pixel rgb(91, 227, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 227, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 227, 178);  
box-shadow:4px 4px 4px 4px rgb(91, 227,  
178) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.7024, -44.5052, 14.9619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 227, 178) }
```

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

```
.background{ background-color: rgb(91, 227,  
178) }
```

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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