

Converting Colors

HunterLab(79.5982, -33.4204,
7.9810)

Have a look what the booklet for
HunterLab(79.5982, -33.4204,
7.9810) contains.

HunterLab(79.7692, -33.4097, 7.9536)	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(79.7692,
-33.4097, 7.9536)**

Conversions

Conversions Part 1

Format	Color
Hex	86E2C8
RGB	134, 226, 200
RGB Percent	53%, 89%, 78%
CMY	0.4745, 0.1137, 0.2157
CMYK	0.41, 0.00, 0.12, 0.11
HSL	163°, 61%, 71%
HSV	163°, 41%, 89%
XYZ	47.4532, 63.6313, 64.4246
YIQ	195.5280, -46.4860, -27.5900

Conversions

Conversions Part 2

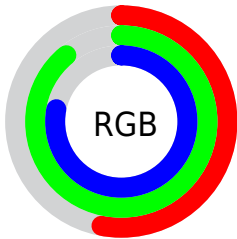
Format	Color
RYB	134, 188, 226
Decimal	8839880
CIELab	83.77, -33.40, 4.12
CIELCh	84, 33.657, 172.968
Yxy	63.6338, 0.2704, 0.3626
Android (android.graphics.Color)	4287029960 (0xFF86E2C8)
YUV	195.5280, 2.2047, -53.9601
Hunter-Lab	79.7692, -33.4097, 7.9536

Details

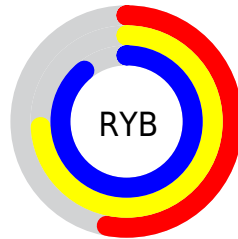
The HunterLab color $79.7692, -33.4097, 7.9536$ is a light color, and the websafe version is hex $66CCCC$. A complement of this color would be $59.7986, 33.3694, 4.4545$, and the grayscale version is $74.1038, -3.9540, 4.0262$.

A 20% lighter version of the original color is $94.7715, -24.0321, -1.2105$, and $56.9601, -28.5280, 6.2926$ is the 20% darker color. If you saturate the color by 10%, you get $78.5356, -38.5724, 9.3578$, and if you desaturate by 10%, it is $81.2394, -27.4465, 6.7817$.

Distribution



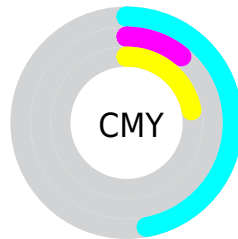
- Red (53%)
- Green (89%)
- Blue (78%)



- Red (53%)
- Yellow (74%)
- Blue (89%)



- Cyan (41%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)





- Cyan (47%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 79.7692, -33.4097, 7.9536 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 79.7692, -33.4097, 7.9536 by changing the saturation by 10% instead.


 79.7692, -33.4097,
7.9536


 79.7692, -33.4097,
7.9536


209.2525,
-52.9172, 16.4295


 68.0839, -31.0424,
7.1234


 104.9206,
-37.9690, 9.6851

 57.0310, -28.5942,
6.3150


 118.3309,
-40.1812, 10.5840

 46.6509, -26.0432,
5.5290


 132.2684,
-42.3593, 11.5050

 36.9905, -23.3572,
4.7647

146.7138,
-44.5095, 12.4478

 28.1078, -20.4874,
4.0201

161.6498,
-46.6367, 13.4120

 20.0782, -17.3562,
3.2917

177.0609,

 13.0042, -14.0554,

-48.7449, 14.3972

2.5714

192.9328,
-50.8374, 15.4032

■ 6.4644, -11.3127,
2.9939

0.0000, NaN, NaN

■ 79.7692, -33.4097,
7.9536

■ 79.7692, -33.4097,
7.9536

■ 78.5356, -38.5724,
9.3578

■ 81.2394, -27.4465,
6.7817

■ 77.5285, -42.9067,
10.9704

■ 82.9432, -20.7242,
5.8536

■ 76.7397, -46.4123,
12.7655

■ 84.8808, -13.3015,
5.1783

■ 76.1547, -49.1166,
14.7099

■ 87.0480, -5.2456,
4.7584

■ 75.7522, -51.0818,
16.7644

■ 89.4387, 3.3721,
4.5912

■ 75.5038, -52.3887,
18.7189

■ 90.4695, 7.2525,
2.6972

■ 90.6809, 8.3809,
-0.3091

■ 90.8991, 9.5434,
-3.4064

■ 91.0357, 10.2695,
-5.3408

Harmonies

Analogous

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



79.7708, -28.0749, 20.4856



79.7692, -33.4097, 7.9536



79.7708, -31.4592, -8.3764

Triad

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



79.7708, -33.4106, 7.9546



79.7708, 8.5211, -28.8027



79.7708, 15.7923, 24.8995

Complementary

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



79.7692, -33.4097, 7.9536



59.7986, 33.3694, 4.4545

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.



79.7708, 27.1541, 15.2596



79.7692, -33.4097, 7.9536



79.7708, 22.7232, -16.0915

Square

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



79.7708, -33.4106, 7.9546



79.7708, -8.1134, -31.8596



79.7708, 29.7883, 0.5524



79.7708, -0.3333, 28.8933

Rectangle

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



79.7692, -33.4097, 7.9536



79.7708, -26.2054, -19.1297



79.7708, 29.7883, 0.5524



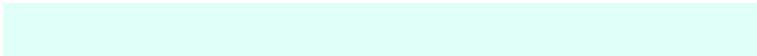
79.7708, 20.3471, 22.3191

Sweetspot

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



79.7708, -33.4106, 7.9546



97.0086, -16.4653, 6.0267



79.7478, -36.5697, 31.7308



44.7407, -8.1492, 2.8300

0.0000, NaN, NaN



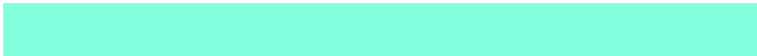
46.2646, -2.4686, 2.5136

Same Dimension

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



79.7708, -33.4106, 7.9546



90.2333, -43.4686, 10.4932



73.9841, -19.3372, -12.4135



39.3736, -5.6946, 2.3635



57.0466, -39.4549, 13.8684



15.0692, -10.0811, 2.9271

Inverse Universe

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



59.7986, 33.3694, 4.4545



63.2206, 47.6295, 6.2425



64.0164, 19.6197, 18.9000



37.0997, 1.7882, 1.8975



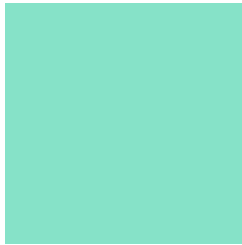
30.7445, 53.3923, 14.1189



8.1869, 14.3975, 2.3663

Previews

White Background



This preview shows how the HunterLab color 79.7692, -33.4097, 7.9536 looks on a white background.

Color Contrast Check

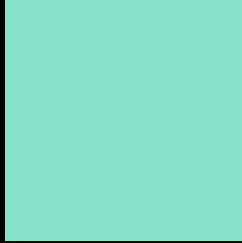
Large Text (above 18pt) WCAG AA × Fail

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 79.7692, -33.4097, 7.9536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

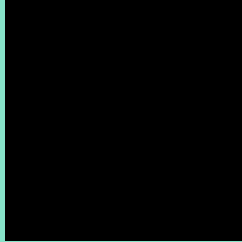
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

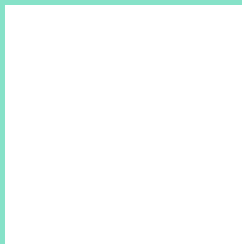
Any Text WCAG AAA ✓ Pass

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

HunterLab 79.7692, -33.4097, 7.9536 Background



This preview shows how black text looks on a background with the HunterLab color 79.7692, -33.4097, 7.9536.



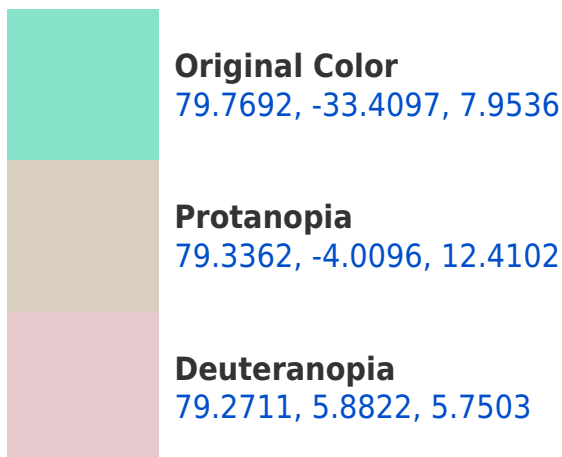
This preview shows how white text looks on a background with the HunterLab color 79.7692, -33.4097, 7.9536.

-33.4097, 7.9536.

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





Tritanopia

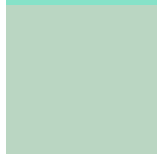
79.5542, -21.3613, -11.6378

Trichromacy



Original Color

79.7692, -33.4097, 7.9536



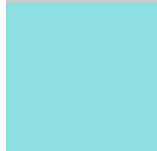
Protanomaly

79.0109, -16.1968, 10.1029



Deuteranomaly

78.6602, -10.4088, 5.7011



Tritanomaly

79.4983, -25.9775, -4.0630

Monochromacy



Original Color

79.7692, -33.4097, 7.9536



Achromatopsia

74.2975, -3.9643, 4.0367



Achromatomaly

75.8559, -15.9741, 5.1749

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.7692, -33.4097, 7.9536 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(134, 226, 200)` looks like.

```
.text, #text, p{  
    color:rgb(134, 226, 200)  
}
```

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(134, 226, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 226, 200) }
```

Border

The CSS property to change the border of an element to HunterLab 79.7692, -33.4097, 7.9536 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(134, 226, 200) }
```


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

```
.border{ border-color:rgb(134, 226, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 226, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 226, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 226, 200);  
box-shadow:4px 4px 4px 4px rgb(134, 226,  
200) }
```

Background

The CSS property to change the background color of an element to HunterLab 79.7692, -33.4097, 7.9536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 226, 200) }
```

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

```
.background{ background-color: rgb(134,  
226, 200) }
```

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