

Converting Colors

HunterLab(77.0534, -33.6139,
6.8204)

Have a look what the booklet for
HunterLab(77.0534, -33.6139,
6.8204) contains.

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Color

**HunterLab(77.0603,
-33.5714, 6.7150)**

Conversions

Conversions Part 1

Format	Color
Hex	7BDCC4
RGB	123, 220, 196
RGB Percent	48%, 86%, 77%
CMY	0.5176, 0.1372, 0.2314
CMYK	0.44, 0.00, 0.11, 0.14
HSL	165°, 58%, 67%
HSV	165°, 44%, 86%
XYZ	43.7254, 59.3829, 61.3821
YIQ	188.2610, -50.1080, -28.0280

Conversions

Conversions Part 2

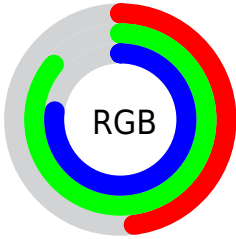
Format	Color
RYB	123, 178, 220
Decimal	8117444
CIELab	81.50, -34.28, 2.89
CIELCh	82, 34.404, 175.183
Yxy	59.3853, 0.2658, 0.3610
Android (android.graphics.Color)	4286307524 (0xFF7BDCC4)
YUV	188.2610, 3.8153, -57.2339
Hunter-Lab	77.0603, -33.5714, 6.7150

Details

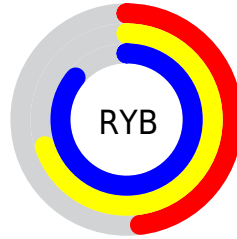
The HunterLab color **77.0603, -33.5714, 6.7150** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **56.1157, 34.9722, 6.0229**, and the grayscale version is **71.0255, -3.7897, 3.8590**.

A 20% lighter version of the original color is **93.9761, -27.1075, -1.1959**, and **54.4630, -28.4347, 5.2027** is the 20% darker color. If you saturate the color by 10%, you get **75.9589, -38.1854, 7.8621**, and if you desaturate by 10%, it is **78.3879, -28.1789, 5.8052**.

Distribution



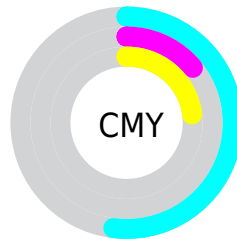
- Red (48%)
- Green (86%)
- Blue (77%)



- Red (48%)
- Yellow (70%)
- Blue (86%)



- Cyan (44%)
- Magenta (0%)
- Yellow (11%)
- Black (14%)



- Cyan (52%)
- Magenta (14%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.0603, -33.5714, 6.7150 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 77.0603, -33.5714, 6.7150 by changing the saturation by 10% instead.

■ 77.0603, -33.5714,
6.7150

■ 77.0603, -33.5714,
6.7150

205.5062,
-53.4900, 14.7117

■ 65.5159, -31.1378,
5.9500

■ 101.9497,
-38.2452, 8.3254

■ 54.6122, -28.6153,
5.2106

■ 115.2373,
-40.5079, 9.1676

■ 44.3912, -25.9793,
4.4981

■ 129.0568,
-42.7332, 10.0341

■ 34.9018, -23.1932,
3.8128

143.3884,
-44.9276, 10.9243

■ 26.2056, -20.2016,
3.1545

158.2144,
-47.0965, 11.8377

■ 18.3827, -16.9141,
2.5215

173.5188,

■ 11.5447, -14.4288,

-49.2442, 12.7737

1.9094

189.2872,
-51.3743, 13.7318

■ 4.0790, -7.1382,
2.8553

0.0000, NaN, NaN

■ 77.0603, -33.5714,
6.7150

■ 77.0603, -33.5714,
6.7150

■ 75.9589, -38.1854,
7.8621

■ 78.3879, -28.1789,
5.8052

■ 75.0723, -42.0034,
9.2243


■ 79.9400, -22.0402,
5.1428

■ 74.3910, -45.0354,
10.7765


■ 81.7179, -15.2061,
4.7356

■ 73.8990, -47.3197,
12.4869


■ 83.7188, -7.7370,
4.5849


 73.5734, -48.9301,
14.3163


 85.9376, 0.3007,
4.6870

 73.4341, -49.6626,
15.4211

 88.3668, 8.8365,
5.0334

 88.5411, 9.7637,
2.5492

 88.7205, 10.7160,
-0.0023

 88.9049, 11.6934,
-2.6209

Harmonies

Analogous

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



77.0618, -28.7445, 19.6758



77.0603, -33.5714, 6.7150



77.0618, -31.0735, -9.9666

Triad

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



77.0618, -33.5722, 6.7160



77.0618, 10.0279, -28.8817



77.0618, 15.0872, 25.2934

Complementary

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



77.0603, -33.5714, 6.7150



56.1157, 34.9722, 6.0229

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.



77.0618, 27.1468, 16.0924



77.0603, -33.5714, 6.7150



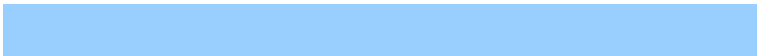
77.0618, 24.0558, -15.3621

Square

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



77.0618, -33.5722, 6.7160



77.0618, -6.7940, -32.8704



77.0618, 30.5602, 1.5852



77.0618, -1.4009, 28.8459

Rectangle

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



77.0603, -33.5714, 6.7150



77.0618, -25.4670, -20.7696



77.0618, 30.5602, 1.5852



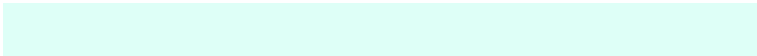
77.0618, 19.8468, 22.8681

Sweetspot

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



77.0618, -33.5722, 6.7160



96.8136, -17.1386, 5.5667



76.7106, -38.2630, 32.1146



44.5607, -8.7997, 2.6097

0.0000, NaN, NaN



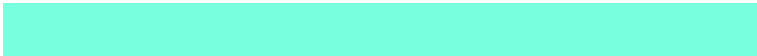
46.2646, -2.4686, 2.5136

Same Dimension

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



77.0618, -33.5722, 6.7160



89.8625, -44.8098, 9.1970



69.8195, -17.9464, -14.7929



38.4339, -5.4896, 2.1554



56.2723, -37.9444, 11.5755



14.3695, -9.3742, 2.2754

Inverse Universe

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



56.1157, 34.9722, 6.0229



60.8000, 51.2915, 8.8507



61.3129, 19.5327, 20.0010



36.1996, 1.6783, 2.0022



30.1722, 52.2467, 15.0331



7.7687, 13.6259, 2.5255

Previews

White Background



This preview shows how the HunterLab color 77.0603, -33.5714, 6.7150 looks on a white background.

Color Contrast Check

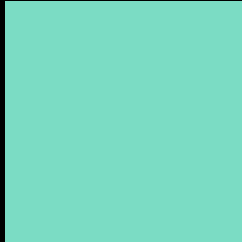
Large Text (above 18pt) WCAG AA × Fail

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 77.0603, -33.5714, 6.7150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

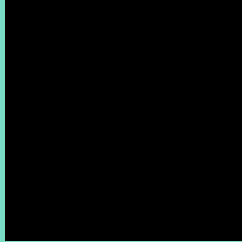
Any Text WCAG AA ✓ Pass

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 77.0603, -33.5714, 6.7150 Background



This preview shows how black text looks on a background with the HunterLab color 77.0603, -33.5714, 6.7150.



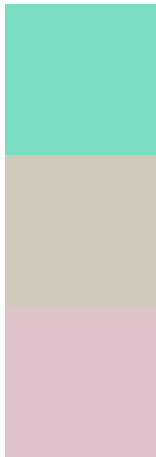
This preview shows how white text looks on a background with the HunterLab color 77.0603, -33.5714, 6.7150.

-33.5714, 6.7150.

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

77.0603, -33.5714, 6.7150

Protanopia

76.7016, -4.0487, 11.7126

Deuteranopia

76.5633, 5.6105, 4.4846



Tritanopia

77.0802, -22.4858, -11.6208

Trichromacy



Original Color

77.0603, -33.5714, 6.7150



Protanomaly

76.3222, -16.3887, 9.3423



Deuteranomaly

75.9102, -10.7801, 4.3842



Tritanomaly

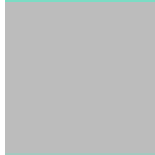
77.0761, -26.8416, -4.5287

Monochromacy



Original Color

77.0603, -33.5714, 6.7150



Achromatopsia

70.9145, -3.7838, 3.8529



Achromatomaly

72.7754, -16.0804, 4.4057

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.0603, -33.5714, 6.7150 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(123, 220, 196)` looks like.

```
.text, #text, p{  
    color:rgb(123, 220, 196)  
}
```

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(123, 220, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 220, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 77.0603, -33.5714, 6.7150 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(123, 220, 196) }
```


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

```
.border{ border-color:rgb(123, 220, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 220, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 220, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 220, 196);  
box-shadow:4px 4px 4px 4px rgb(123, 220,  
196) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.0603, -33.5714, 6.7150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 220, 196) }
```

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

```
.background{ background-color: rgb(123,  
220, 196) }
```

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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