

Converting Colors

HunterLab(70.1708, -33.4725,
7.0620)

Have a look what the booklet for
HunterLab(70.1708, -33.4725,
7.0620) contains.

HunterLab(70.1604, -33.4595, 7.0531)	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(70.1604,
-33.4595, 7.0531)**

Conversions

Conversions Part 1

Format	Color
Hex	66CCB2
RGB	102, 204, 178
RGB Percent	40%, 80%, 70%
CMY	0.6000, 0.2000, 0.3020
CMYK	0.50, 0.00, 0.13, 0.20
HSL	165°, 50%, 60%
HSV	165°, 50%, 80%
XYZ	35.1082, 49.2248, 49.7704
YIQ	170.5380, -52.4460, -29.7100

Conversions

Conversions Part 2

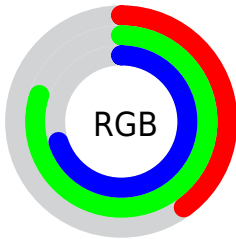
Format	Color
RYB	102, 160, 204
Decimal	6737074
CIELab	75.59, -36.04, 3.85
CIELCh	76, 36.243, 173.898
Yxy	49.2268, 0.2618, 0.3671
Android (android.graphics.Color)	4284927154 (0xFF66CCB2)
YUV	170.5380, 3.6788, -60.1078
Hunter-Lab	70.1604, -33.4595, 7.0531

Details

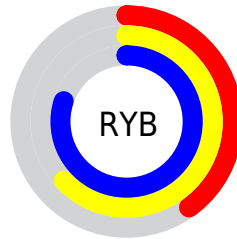
The HunterLab color **70.1604, -33.4595, 7.0531** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **48.8875, 36.9501, 6.0014**, and the grayscale version is **63.6263, -3.3949, 3.4569**.

A 20% lighter version of the original color is **92.1040, -35.3859, 6.0255**, and **48.4011, -28.1874, 5.5641** is the 20% darker color. If you saturate the color by 10%, you get **69.2625, -37.2908, 8.2698**, and if you desaturate by 10%, it is **71.2613, -28.9081, 6.0393**.

Distribution



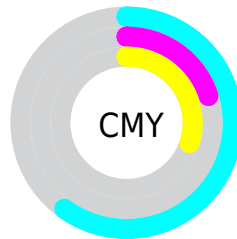
- Red (40%)
- Green (80%)
- Blue (70%)



- Red (40%)
- Yellow (63%)
- Blue (80%)



- Cyan (50%)
- Magenta (0%)
- Yellow (13%)
- Black (20%)



- Cyan (60%)
- Magenta (20%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.1604, -33.4595, 7.0531 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 70.1604, -33.4595, 7.0531 by changing the saturation by 10% instead.

70.1604, -33.4595,
7.0531

70.1604, -33.4595,
7.0531

195.8659,
-54.2801, 15.2721

58.9910, -30.8727,
6.2550

94.3547, -38.3924,
8.7224

48.4855, -28.1749,
5.4795

107.3177,
-40.7674, 9.5914

38.6902, -25.3335,
4.7271

120.8254,
-43.0963, 10.4833

29.6612, -22.2990,
3.9964

134.8565,
-45.3870, 11.3977

21.4699, -18.9936,
3.2847

149.3923,
-47.6458, 12.3341

14.2129, -15.3163,
2.5861

164.4158,

7.8682, -13.7694,

-49.8782, 13.2922

2.4580

179.9117,
-52.0884, 14.2717

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.1604, -33.4595,
7.0531

■ 70.1604, -33.4595,
7.0531

■ 69.2625, -37.2908,
8.2698

■ 71.2613, -28.9081,
6.0393

■ 68.5552, -40.3978,
9.6656

■ 72.5657, -23.6569,
5.2414

■ 68.0277, -42.8035,
11.2142

■ 74.0761, -17.7448,
4.6704

■ 67.6620, -44.5591,
12.8831


■ 75.7914, -11.2218,
4.3307


■ 67.4199, -45.8085,


■ 77.7080, -4.1458,


14.6184


4.2220

 67.4199, -45.8085,
14.6185

 79.8205, 3.4215,
4.3399

 82.1223, 11.4181,
4.6767

 83.4229, 15.9846,
3.7566

 83.5901, 16.8588,
1.3755

Harmonies

Analogous

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



70.1618, -28.3194, 19.8218



70.1604, -33.4595, 7.0531



70.1618, -31.2751, -10.0257

Triad

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



70.1618, -33.4602, 7.0539



70.1618, 10.0336, -31.0947



70.1618, 16.6333, 24.6328

Complementary

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



70.1604, -33.4595, 7.0531



48.8875, 36.9501, 6.0014

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.



70.1618, 28.8117, 15.3147



70.1604, -33.4595, 7.0531



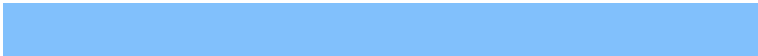
70.1618, 24.7540, -17.1536

Square

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



70.1618, -33.4602, 7.0539



70.1618, -7.1984, -34.8053



70.1618, 31.9166, 0.4225



70.1618, -0.2284, 28.2903

Rectangle

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



70.1604, -33.4595, 7.0531



70.1618, -25.8423, -21.4283



70.1618, 31.9166, 0.4225



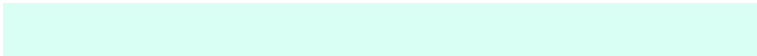
70.1618, 21.4728, 22.1843

Sweetspot

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



70.1618, -33.4602, 7.0539



96.3542, -18.8964, 5.7629



69.8783, -37.7957, 31.7307



44.3630, -9.5626, 2.7131

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.1618, -33.4602, 7.0539



89.0520, -48.3347, 10.7748



63.1739, -18.0417, -15.0050



35.6038, -5.0706, 2.0253



53.5016, -36.2519, 11.3852



12.2005, -7.9381, 1.8866

Inverse Universe

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



48.8875, 36.9501, 6.0014



57.1716, 58.5542, 10.1199



53.5431, 22.1042, 19.4595



33.5557, 1.5356, 1.8259



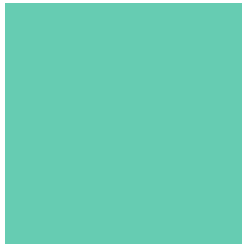
28.7210, 49.7740, 13.9981



6.6197, 11.6592, 1.7753

Previews

White Background



This preview shows how the HunterLab color 70.1604, -33.4595, 7.0531 looks on a white background.

Color Contrast Check

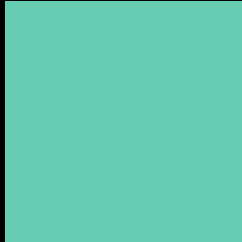
Large Text (above 18pt) WCAG AA × Fail

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 70.1604, -33.4595, 7.0531 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

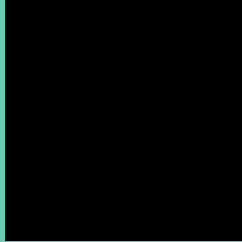
Any Text WCAG AA ✓ Pass

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 70.1604, -33.4595, 7.0531 Background



This preview shows how black text looks on a background with the HunterLab color 70.1604, -33.4595, 7.0531.



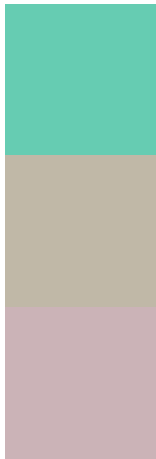
This preview shows how white text looks on a background with the HunterLab color 70.1604, -33.4595, 7.0531.

-33.4595, 7.0531.

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

70.1604, -33.4595, 7.0531

Protanopia

69.4820, -3.7946, 11.5515

Deuteranopia

69.5382, 4.8476, 4.7366



Tritanopia

70.1882, -22.3765, -11.4497

Trichromacy



Original Color

70.1604, -33.4595, 7.0531



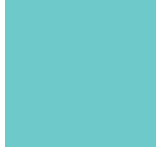
Protanomaly

68.9730, -16.4606, 9.0935



Deuteranomaly

68.8546, -11.4855, 4.5834



Tritanomaly

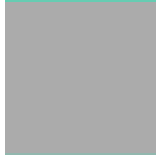
70.2060, -26.6159, -4.3944

Monochromacy



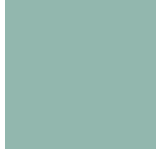
Original Color

70.1604, -33.4595, 7.0531



Achromatopsia

63.8154, -3.4050, 3.4672



Achromatomaly

65.6003, -15.6803, 3.9557

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.1604, -33.4595, 7.0531 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(102, 204, 178)` looks like.

```
.text, #text, p{  
    color:rgb(102, 204, 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(102, 204, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 204, 178) }
```

Border

The CSS property to change the border of an element to HunterLab 70.1604, -33.4595, 7.0531 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(102, 204, 178) }
```


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

```
.border{ border-color:rgb(102, 204, 178) }
```

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

Here you see how a box with a 4 pixel rgb(102, 204, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 204, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 204, 178);  
box-shadow:4px 4px 4px 4px rgb(102, 204,  
178) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.1604, -33.4595, 7.0531 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 204, 178) }
```

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

```
.background{ background-color: rgb(102,  
204, 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](#).

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