

Converting Colors

HunterLab(69.6088, -21.0945,
-7.8022)

Have a look what the booklet for
HunterLab(69.6088, -21.0945,
-7.8022) contains.

HunterLab(69.7484, -21.2348, -7.5731)	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(69.7484,
-21.2348, -7.5731)**

Conversions

Conversions Part 1

Format	Color
Hex	7BC5CF
RGB	123, 197, 207
RGB Percent	48%, 77%, 81%
CMY	0.5176, 0.2274, 0.1882
CMYK	0.41, 0.05, 0.00, 0.19
HSL	187°, 47%, 65%
HSV	187°, 41%, 81%
XYZ	39.3971, 48.6484, 66.3451
YIQ	176.0140, -47.3140, -12.5780

Conversions

Conversions Part 2

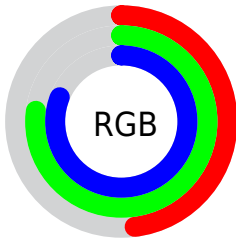
Format	Color
R _Y B	123, 162, 207
Decimal	8111567
CIE Lab	75.23, -20.44, -12.26
CIE LCh	75, 23.834, 210.952
Yxy	48.6503, 0.2552, 0.3151
Android (android.graphics.Color)	4286301647 (0xFF7BC5CF)
YUV	176.0140, 15.2761, -46.4933
Hunter-Lab	69.7484, -21.2348, -7.5731

Details

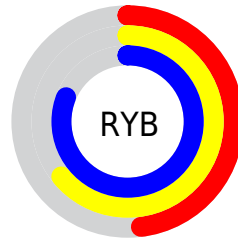
The HunterLab color $69.7484, -21.2348, -7.5731$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $56.0992, 21.7687, 15.1432$, and the grayscale version is $65.8500, -3.5136, 3.5778$.

A 20% lighter version of the original color is $93.6415, -26.4691, -2.6637$, and $48.1021, -17.8027, -7.8178$ is the 20% darker color. If you saturate the color by 10%, you get $67.9498, -23.8467, -10.0561$, and if you desaturate by 10%, it is $71.7425, -17.9564, -4.8929$.

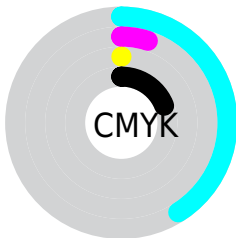
Distribution



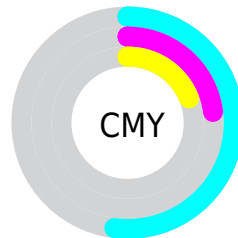
- Red (48%)
- Green (77%)
- Blue (81%)



- Red (48%)
- Yellow (64%)
- Blue (81%)



- Cyan (41%)
- Magenta (5%)
- Yellow (0%)
- Black (19%)



- Cyan (52%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.7484, -21.2348, -7.5731 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 69.7484, -21.2348, -7.5731 by changing the saturation by 10% instead.

■ 69.7484, -21.2348,
-7.5731

■ 69.7484, -21.2348,
-7.5731

195.2854,
-35.7632, -4.7968

■ 58.6022, -19.5452,
-7.6382

■ 93.8999, -24.5339,
-7.2713

■ 48.1213, -17.8138,
-7.6418

■ 106.8429,
-26.1565, -7.0448

■ 38.3525, -16.0252,
-7.5767

■ 120.3314,
-27.7679, -6.7719

■ 29.3522, -14.1552,
-7.4363

134.3441,
-29.3719, -6.4555

■ 21.1926, -12.1651,
-7.2139

148.8620,
-30.9713, -6.0977

■ 13.9714, -9.9866,
-6.9073

163.8683,

■ 7.6115, -12.1081,

-32.5684, -5.7008

-7.0437

179.3474,
-34.1652, -5.2666

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 69.7484, -21.2348,
-7.5731

■ 69.7484, -21.2348,
-7.5731

■ 67.9498, -23.8467,
-10.0561

■ 71.7425, -17.9564,
-4.8929

■ 66.3428, -25.7662,
-12.3276

■ 73.9252, -14.0468,
-2.0391

■ 64.9254, -26.9869,
-14.3741

■ 76.2928, -9.5518,
0.9679

■ 63.6896, -27.5248,
-16.1910


■ 78.8391, -4.5211,
4.1066

■ 62.6215, -27.4258,

■ 81.5566, 0.9939,

-17.7848

7.3569

 61.7331, -26.8836,
-19.1271

 84.4373, 6.9423,
10.7003

 86.0145, 8.4634,
12.4588

 86.7430, 7.1482,
13.2264

 87.4763, 5.8360,
13.9935

Harmonies

Analogous

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



69.7498, -23.9615, 3.4558



69.7484, -21.2348, -7.5731



69.7498, -13.8682, -16.5715

Triad

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



69.7498, -21.2354, -7.5720



69.7498, 16.0987, -6.8905



69.7498, -4.0825, 21.3179

Complementary

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



69.7484, -21.2348, -7.5731



56.0992, 21.7687, 15.1432

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.



69.7498, 7.0322, 19.4245



69.7484, -21.2348, -7.5731



69.7498, 19.1181, 4.1358

Square

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



69.7498, -21.2354, -7.5720



69.7498, 7.6894, -16.1364



69.7498, 15.7028, 13.5246



69.7498, -14.4503, 19.1679

Rectangle

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



69.7484, -21.2348, -7.5731



69.7498, -7.0770, -19.5920



69.7498, 15.7028, 13.5246



69.7498, -0.3093, 21.1362

Sweetspot

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



69.7498, -21.2354, -7.5720



96.0986, -13.0301, 0.6172



71.0813, -37.2481, 24.6980



44.2724, -6.3884, 0.0497

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



69.7498, -21.2354, -7.5720



86.2353, -29.9015, -12.4321



56.7684, -1.2828, -26.6965



36.2723, -4.2595, 0.6284



49.0941, -21.4584, -15.0407



11.9040, -5.4482, -3.1178

Inverse Universe

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



56.0925, 38.3380, -20.6014



65.9829, 60.3072, -32.4513



67.2894, 0.5530, 24.9609



34.6176, 2.5722, -0.7392



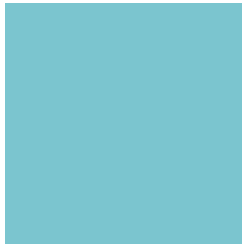
32.4105, 62.1270, -30.3975



7.7094, 14.8503, -7.7911

Previews

White Background



This preview shows how the HunterLab color 69.7484, -21.2348, -7.5731 looks on a white background.

Color Contrast Check

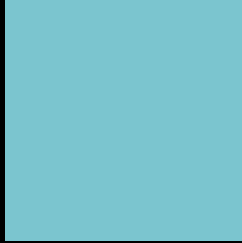
Large Text (above 18pt) WCAG AA × Fail

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 69.7484, -21.2348, -7.5731 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

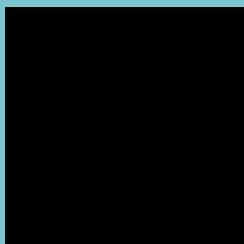
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

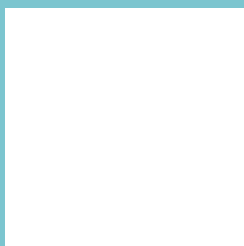
Any Text WCAG AAA ✓ Pass

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

HunterLab 69.7484, -21.2348, -7.5731 Background



This preview shows how black text looks on a background with the HunterLab color 69.7484, -21.2348, -7.5731.



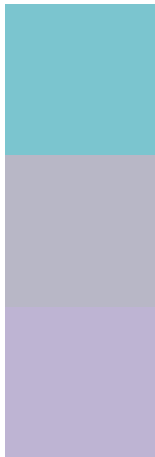
This preview shows how white text looks on a background with the HunterLab color 69.7484,

-21.2348, -7.5731.

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

69.7484, -21.2348, -7.5731

Protanopia

69.3791, -0.7642, -2.9192

Deuteranopia

69.4930, 5.0561, -9.6699



Tritanopia

69.6552, -19.5561, -10.4398

Trichromacy



Original Color

69.7484, -21.2348, -7.5731

Protanomaly

69.1844, -9.0308, -4.8825

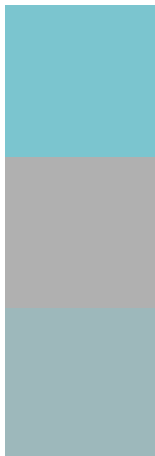
Deuteranomaly

69.1939, -5.2149, -9.6999

Tritanomaly

69.5831, -19.9675, -9.4261

Monochromacy



Original Color

69.7484, -21.2348, -7.5731

Achromatopsia

65.8903, -3.5157, 3.5799

Achromatomaly

67.1096, -11.0093, -0.3758

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.7484, -21.2348, -7.5731 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, 197, 207)` looks like.

```
.text, #text, p{  
    color:rgb(123, 197, 207)  
}
```

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, 197, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 197, 207) }
```

Border

The CSS property to change the border of an element to HunterLab 69.7484, -21.2348, -7.5731 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, 197, 207) }
```


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

```
.border{ border-color:rgb(123, 197, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 197, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 197, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 197, 207);  
box-shadow:4px 4px 4px 4px rgb(123, 197,  
207) }
```

Background

The CSS property to change the background color of an element to HunterLab 69.7484, -21.2348, -7.5731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 197, 207) }
```

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

```
.background{ background-color: rgb(123,  
197, 207) }
```

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