

Converting Colors

HunterLab(65.1185, -21.5848,
7.9010)

Have a look what the booklet for
HunterLab(65.1185, -21.5848,
7.9010) contains.

HunterLab(65.0883, -21.4224, 7.7388)	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(65.0883,
-21.4224, 7.7388)**

Conversions

Conversions Part 1

Format	Color
Hex	85B9A4
RGB	133, 185, 164
RGB Percent	52%, 73%, 64%
CMY	0.4784, 0.2745, 0.3569
CMYK	0.28, 0.00, 0.11, 0.27
HSL	156°, 27%, 62%
HSV	156°, 28%, 73%
XYZ	33.7227, 42.3649, 41.5219
YIQ	167.0580, -24.2510, -17.5550

Conversions

Conversions Part 2

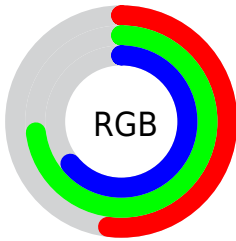
Format	Color
RYB	133, 166, 185
Decimal	8763812
CIELab	71.12, -21.56, 5.18
CIElCh	71, 22.170, 166.496
Yxy	42.3666, 0.2867, 0.3602
Android (android.graphics.Color)	4286953892 (0xFF85B9A4)
YUV	167.0580, -1.5076, -29.8689
Hunter-Lab	65.0883, -21.4224, 7.7388

Details

The HunterLab color **65.0883, -21.4224, 7.7388** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **54.2434, 17.7131, 0.3167**, and the grayscale version is **62.2018, -3.3189, 3.3795**.

A 20% lighter version of the original color is **88.6509, -24.7942, 9.3705**, and **44.1205, -17.9184, 6.2735** is the 20% darker color. If you saturate the color by 10%, you get **63.8192, -26.6551, 9.4191**, and if you desaturate by 10%, it is **66.5472, -15.5988, 6.1954**.

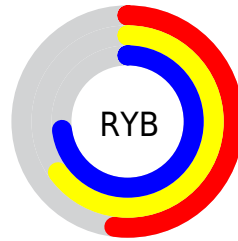
Distribution



Red (52%)

Green (73%)

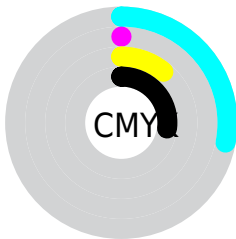
Blue (64%)



Red (52%)

Yellow (65%)

Blue (73%)

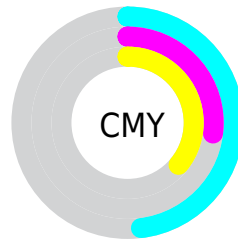


Cyan (28%)

Magenta (0%)

Yellow (11%)

Black (27%)



Cyan (48%)

Magenta (27%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.0883, -21.4224, 7.7388 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 65.0883, -21.4224, 7.7388 by changing the saturation by 10% instead.

■ 65.0883, -21.4224,
7.7388

■ 65.0883, -21.4224,
7.7388

188.6797,
-36.4354, 16.3607

■ 54.2111, -19.6533,
6.8815

■ 88.7436, -24.8586,
9.5144

■ 44.0169, -17.8309,
6.0414

■ 101.4556,
-26.5409, 10.4319

■ 34.5564, -15.9360,
5.2173

■ 114.7226,
-28.2078, 11.3698

■ 25.8918, -13.9375,
4.4053

128.5222,
-29.8636, 12.3279

■ 18.1041, -11.7837,
3.5983

142.8347,
-31.5118, 13.3063

■ 11.3062, -9.6164,
2.7811

157.6422,

■ 3.5259, -6.1703,

-33.1550, 14.3047

2.4681

172.9287,
-34.7956, 15.3229

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.0883, -21.4224,
7.7388

■ 65.0883, -21.4224,
7.7388

■ 63.8192, -26.6551,
9.4191

■ 66.5472, -15.5988,
6.1954

■ 62.7361, -31.2501,
11.2157

■ 68.1897, -9.2341,
4.8000

■ 61.8375, -35.1780,
13.1071

■ 70.0127, -2.3875,
3.5629

■ 61.1177, -38.4258,
15.0673

■ 72.0107, 4.8814,
2.4891

■ 60.5671, -41.0023,

■ 74.1769, 12.5136,

17.0673

1.5803

■ 60.1715, -42.9419,
19.0755

■ 76.5039, 20.4538,
0.8349

■ 59.9043, -44.3392,
21.0512

■ 78.0597, 25.8065,
-0.9494

■ 59.8595, -44.5781,
21.4122

■ 78.3130, 27.0948,
-4.5398

■ 78.5768, 28.4325,
-8.2670

Harmonies

Analogous

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



65.0896, -17.0639, 15.0938



65.0883, -21.4224, 7.7388



65.0896, -21.1884, -1.9644

Triad

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



65.0896, -21.4234, 7.7396



65.0896, 2.1707, -16.9403



65.0896, 10.5423, 15.6449

Complementary

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



65.0883, -21.4224, 7.7388



54.2434, 17.7131, 0.3167

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.



65.0896, 16.3585, 8.6076



65.0883, -21.4224, 7.7388



65.0896, 11.3259, -10.6105

Square

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



65.0896, -21.4234, 7.7396



65.0896, -7.9810, -17.2685



65.0896, 16.6538, -0.9531



65.0896, 1.1540, 19.1620

Rectangle

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



65.0883, -21.4224, 7.7388



65.0896, -18.4651, -8.5227



65.0896, 16.6538, -0.9531



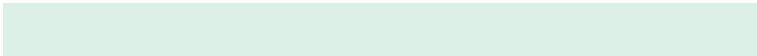
65.0896, 13.0046, 13.6659

Sweetspot

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



65.0896, -21.4234, 7.7396



91.2496, -12.3771, 6.4275



65.8247, -20.1798, 20.2197



42.2073, -6.3600, 3.1083



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



65.0896, -21.4234, 7.7396



85.9813, -33.2784, 11.7872



64.3455, -15.8240, -2.9223



31.8552, -4.7048, 2.3254



49.4082, -36.6919, 17.4513



9.3407, -6.4960, 2.3479

Inverse Universe

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



54.2434, 17.7131, 0.3167



68.3829, 30.4525, -0.1241



54.7677, 12.4787, 9.9428



30.1176, 1.5292, 1.1167



27.1662, 47.8366, 7.3704



5.2203, 9.4174, -0.3287

Previews

White Background



This preview shows how the HunterLab color 65.0883, -21.4224, 7.7388 looks on a white background.

Color Contrast Check

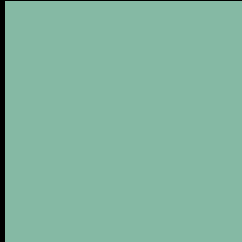
Large Text (above 18pt) WCAG AA × Fail

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 65.0883, -21.4224, 7.7388 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

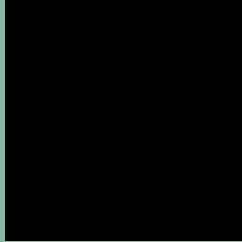
Any Text WCAG AA ✓ Pass

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 65.0883, -21.4224, 7.7388 Background



This preview shows how black text looks on a background with the HunterLab color 65.0883, -21.4224, 7.7388.



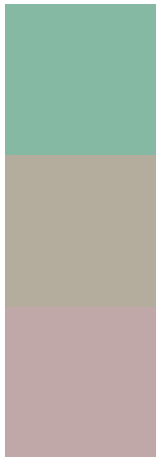
This preview shows how white text looks on a background with the HunterLab color 65.0883,

-21.4224, 7.7388.

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

65.0883, -21.4224, 7.7388

Protanopia

64.8530, -3.5694, 10.3266

Deuteranopia

64.8374, 4.3888, 6.1531



Tritanopia

65.1743, -12.6596, -7.0299

Trichromacy



Original Color

65.0883, -21.4224, 7.7388

Protanomaly

64.6288, -10.4354, 9.1309

Deuteranomaly

64.5911, -5.5169, 6.1454

Tritanomaly

64.9884, -15.6850, -1.6002

Monochromacy



Original Color

65.0883, -21.4224, 7.7388

Achromatopsia

62.1634, -3.3169, 3.3775

Achromatomaly

63.2407, -10.3675, 4.9644

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.0883, -21.4224, 7.7388 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(133, 185, 164)` looks like.

```
.text, #text, p{  
    color:rgb(133, 185, 164)  
}
```

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(133, 185, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 185, 164) }
```

Border

The CSS property to change the border of an element to HunterLab 65.0883, -21.4224, 7.7388 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(133, 185, 164) }
```


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

```
.border{ border-color:rgb(133, 185, 164) }
```

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

Here you see how a box with a 4 pixel rgb(133, 185, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 185, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 185, 164);  
box-shadow:4px 4px 4px 4px rgb(133, 185,  
164) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.0883, -21.4224, 7.7388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 185, 164) }
```

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

```
.background{ background-color: rgb(133,  
185, 164) }
```

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