

Converting Colors

HunterLab(64.1407, -21.1366,
2.1520)

Have a look what the booklet for
HunterLab(64.1407, -21.1366,
2.1520) contains.

HunterLab(64.1357, -21.1117, 2.1317)	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(64.1357,
-21.1117, 2.1317)**

Conversions

Conversions Part 1

Format	Color
Hex	7BB7AE
RGB	123, 183, 174
RGB Percent	48%, 72%, 68%
CMY	0.5176, 0.2823, 0.3176
CMYK	0.33, 0.00, 0.05, 0.28
HSL	171°, 29%, 60%
HSV	171°, 33%, 72%
XYZ	32.7418, 41.1339, 46.2583
YIQ	164.0340, -32.8710, -15.5190

Conversions

Conversions Part 2

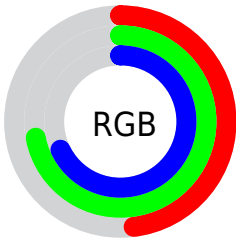
Format	Color
RYB	123, 155, 183
Decimal	8107950
CIELab	70.27, -21.35, -1.61
CIElCh	70, 21.410, 184.311
Yxy	41.1355, 0.2725, 0.3424
Android (android.graphics.Color)	4286298030 (0xFF7BB7AE)
YUV	164.0340, 4.9132, -35.9868
Hunter-Lab	64.1357, -21.1117, 2.1317

Details

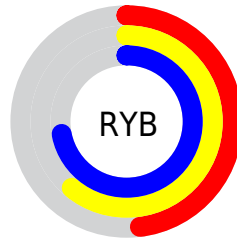
The HunterLab color **64.1357, -21.1117, 2.1317** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.8923, 18.8882, 6.2565**, and the grayscale version is **60.9346, -3.2513, 3.3107**.

A 20% lighter version of the original color is **87.5998, -24.6391, 3.3748**, and **43.2551, -17.5348, 1.1086** is the 20% darker color. If you saturate the color by 10%, you get **63.0901, -25.2462, 2.1063**, and if you desaturate by 10%, it is **65.3620, -16.3949, 2.3777**.

Distribution



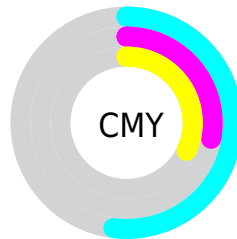
- Red (48%)
- Green (72%)
- Blue (68%)



- Red (48%)
- Yellow (61%)
- Blue (72%)



- Cyan (33%)
- Magenta (0%)
- Yellow (5%)
- Black (28%)



- Cyan (52%)
- Magenta (28%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.1357, -21.1117, 2.1317 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 64.1357, -21.1117, 2.1317 by changing the saturation by 10% instead.

■ 64.1357, -21.1117,
2.1317

■ 64.1357, -21.1117,
2.1317

187.3197,
-36.0498, 8.2651

■ 53.3151, -19.3506,
1.6229

■ 87.6867, -24.5307,
3.2683

■ 43.1813, -17.5360,
1.1559

■ 100.3503,
-26.2045, 3.8895

■ 33.7860, -15.6480,
0.7355

■ 113.5710,
-27.8629, 4.5440

■ 25.1926, -13.6547,
0.3671

127.3260,
-29.5104, 5.2300

■ 17.4843, -11.5025,
0.0577

141.5955,
-31.1503, 5.9463

■ 10.7776, -9.5937,
-0.1816

156.3614,

■ 1.7314, -3.0299,

-32.7854, 6.6915

-3.7588

171.6078,
-34.4179, 7.4648

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.1357, -21.1117,
2.1317

■ 64.1357, -21.1117,
2.1317

■ 63.0901, -25.2462,
2.1063

■ 65.3620, -16.3949,
2.3777

■ 62.2191, -28.7708,
2.2958

■ 66.7651, -11.1299,
2.8402

■ 61.5187, -31.6761,
2.6928

■ 68.3441, -5.3621,
3.5144

■ 60.9807, -33.9696,
3.2832


■ 70.0953, 0.8588,
4.3915


■ 60.5930, -35.6797,


■ 72.0137, 7.4814,


4.0474


5.4603


 60.3389, -36.8600,
4.9591

 74.0929, 14.4542,
6.7080

 60.2107, -37.4898,
5.6716

 76.3264, 21.7284,
8.1210

 76.8846, 23.6366,
7.5318

 76.9666, 24.0560,
6.3590

Harmonies

Analogous

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



64.1370, -19.4998, 10.7682



64.1357, -21.1117, 2.1317



64.1370, -18.2240, -7.4272

Triad

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



64.1370, -21.1125, 2.1326



64.1370, 7.5166, -13.1028



64.1370, 4.9271, 17.6039

Complementary

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



64.1357, -21.1117, 2.1317



50.8923, 18.8882, 6.2565

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.



64.1370, 12.8494, 12.7740



64.1357, -21.1117, 2.1317



64.1370, 14.4062, -4.7532

Square

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



64.1370, -21.1125, 2.1326



64.1370, -2.0067, -17.0195



64.1370, 16.4134, 4.8206



64.1370, -4.8323, 18.8836

Rectangle

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



64.1357, -21.1117, 2.1317



64.1370, -14.0265, -12.7945



64.1370, 16.4134, 4.8206



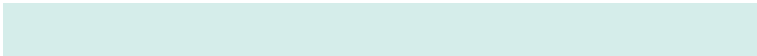
64.1370, 7.9119, 16.3813

Sweetspot

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



64.1370, -21.1125, 2.1326



89.8797, -12.9335, 4.0104



63.4707, -26.1900, 21.1465



42.1061, -6.5735, 1.8310



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.



64.1370, -21.1125, 2.1326



84.8450, -32.1339, 2.7984



58.1598, -10.2765, -10.0143



31.9168, -4.3618, 1.4462



50.2971, -31.2639, 4.6228



9.4772, -5.6672, 0.3883

Inverse Universe

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



50.8923, 18.8882, 6.2565



63.7691, 31.9082, 9.5510



55.8064, 7.6590, 14.6123



30.0559, 1.1973, 1.9967



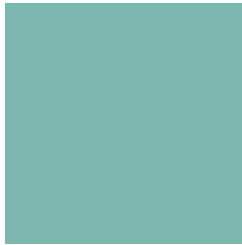
26.6202, 45.8253, 15.3602



5.0676, 8.8604, 1.8638

Previews

White Background



This preview shows how the HunterLab color 64.1357, -21.1117, 2.1317 looks on a white background.

Color Contrast Check

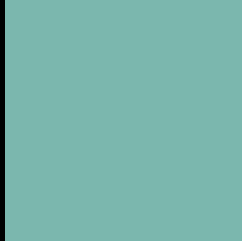
Large Text (above 18pt) WCAG AA × Fail

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 64.1357, -21.1117, 2.1317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

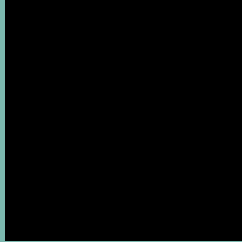
Any Text WCAG AA ✓ Pass

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 64.1357, -21.1117, 2.1317 Background



This preview shows how black text looks on a background with the HunterLab color 64.1357, -21.1117, 2.1317.



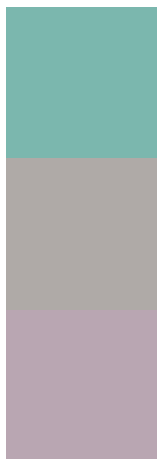
This preview shows how white text looks on a background with the HunterLab color 64.1357, -21.1117, 2.1317.

-21.1117, 2.1317.

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

64.1357, -21.1117, 2.1317

Protanopia

63.7600, -2.3162, 5.2519

Deuteranopia

63.8757, 4.6909, 0.3464



Tritanopia

64.1301, -14.9174, -7.9313

Trichromacy



Original Color

64.1357, -21.1117, 2.1317

Protanomaly

63.7418, -9.9063, 3.7298

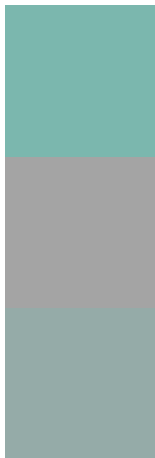
Deuteranomaly

63.5301, -5.5653, 0.2307

Tritanomaly

64.0868, -17.1802, -4.3055

Monochromacy



Original Color

64.1357, -21.1117, 2.1317

Achromatopsia

60.9293, -3.2510, 3.3104

Achromatomaly

61.9213, -10.2782, 2.5042

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.1357, -21.1117, 2.1317 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, 183, 174)` looks like.

```
.text, #text, p{  
    color:rgb(123, 183, 174)  
}
```

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, 183, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 183, 174) }
```

Border

The CSS property to change the border of an element to HunterLab 64.1357, -21.1117, 2.1317 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, 183, 174) }
```


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

```
.border{ border-color:rgb(123, 183, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 183, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 183, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 183, 174);  
box-shadow:4px 4px 4px 4px rgb(123, 183,  
174) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.1357, -21.1117, 2.1317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 183, 174) }
```

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

```
.background{ background-color: rgb(123,  
183, 174) }
```

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