

Converting Colors

HunterLab(68.3870, -21.8795,
2.3568)

Have a look what the booklet for
HunterLab(68.3870, -21.8795,
2.3568) contains.

HunterLab(68.2548, -21.6516, 2.2879)	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(68.2548,
-21.6516, 2.2879)**

Conversions

Conversions Part 1

Format	Color
Hex	85C1B8
RGB	133, 193, 184
RGB Percent	52%, 76%, 72%
CMY	0.4784, 0.2431, 0.2784
CMYK	0.31, 0.00, 0.05, 0.24
HSL	171°, 33%, 64%
HSV	171°, 31%, 76%
XYZ	37.3946, 46.5872, 52.3687
YIQ	174.0340, -32.8710, -15.5190

Conversions

Conversions Part 2

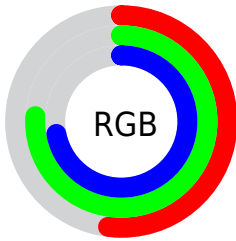
Format	Color
R_{YB}	133, 165, 193
Decimal	8765880
CIE _{Lab}	73.93, -21.23, -1.66
CIE _{LCh}	74, 21.297, 184.458
Yxy	46.5891, 0.2743, 0.3417
Android (android.graphics.Color)	4286955960 (0xFF85C1B8)
YUV	174.0340, 4.9132, -35.9868
Hunter-Lab	68.2548, -21.6516, 2.2879

Details

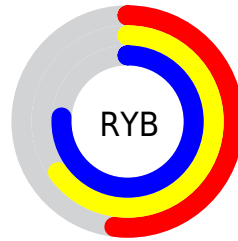
The HunterLab color $68.2548, -21.6516, 2.2879$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $54.8332, 18.8376, 6.4445$, and the grayscale version is $65.0644, -3.4717, 3.5351$.

A 20% lighter version of the original color is $92.3871, -25.1701, 3.5828$, and $46.7475, -17.9543, 1.2573$ is the 20% darker color. If you saturate the color by 10%, you get $67.1115, -26.1549, 2.2245$, and if you desaturate by 10%, it is $69.5914, -16.5313, 2.5873$.

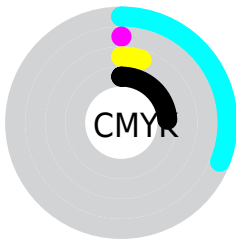
Distribution



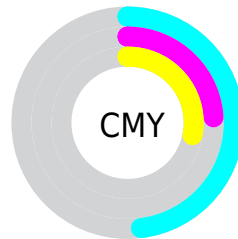
- Red (52%)
- Green (76%)
- Blue (72%)



- Red (52%)
- Yellow (65%)
- Blue (76%)



- Cyan (31%)
- Magenta (0%)
- Yellow (5%)
- Black (24%)



- Cyan (48%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.2548, -21.6516, 2.2879 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 68.2548, -21.6516, 2.2879 by changing the saturation by 10% instead.

■ 68.2548, -21.6516,
2.2879

■ 68.2548, -21.6516,
2.2879

193.1766,
-36.5059, 8.5080

■ 57.1935, -19.9127,
1.7665

■ 92.2496, -25.0387,
3.4473

■ 46.8029, -18.1265,
1.2859

■ 105.1196,
-26.7007, 4.0790

■ 37.1311, -16.2762,
0.8504

■ 118.5381,
-28.3494, 4.7433

■ 28.2361, -14.3348,
0.4650

132.4834,
-29.9886, 5.4388

■ 20.1929, -12.2587,
0.1359

146.9363,
-31.6215, 6.1641

■ 13.1036, -9.9701,
-0.1273

161.8796,

■ 6.5928, -11.5374,

-33.2507, 6.9180

-0.6819

177.2978,
-34.8783, 7.6997

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.2548, -21.6516,
2.2879

■ 68.2548, -21.6516,
2.2879

■ 67.1115, -26.1549,
2.2245

■ 69.5914, -16.5313,
2.5873

■ 66.1554, -30.0094,
2.3917

■ 71.1168, -10.8321,
3.1173

■ 65.3827, -33.2023,
2.7823

■ 72.8298, -4.6039,
3.8724

■ 64.7852, -35.7386,
3.3824


■ 74.7260, 2.0994,
4.8425


■ 64.3506, -37.6454,


■ 76.7998, 9.2225,


4.1717


6.0153


 64.0616, -38.9759,
5.1230

 79.0444, 16.7107,
7.3768

 63.8933, -39.8029,
6.0620

 79.8588, 19.4880,
7.0100

 79.9467, 19.9433,
5.7535

 80.0361, 20.4060,
4.4766

Harmonies

Analogous

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



68.2562, -20.0285, 11.0900



68.2548, -21.6516, 2.2879



68.2562, -18.6822, -7.3776

Triad

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



68.2562, -21.6525, 2.2889



68.2562, 7.4936, -13.0163



68.2562, 4.7811, 18.1521

Complementary

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



68.2548, -21.6516, 2.2879



54.8332, 18.8376, 6.4445

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.



68.2562, 12.8170, 13.2114



68.2548, -21.6516, 2.2879



68.2562, 14.4448, -4.5867

Square

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



68.2562, -21.6525, 2.2889



68.2562, -2.1556, -16.9799



68.2562, 16.4461, 5.1117



68.2562, -5.1230, 19.4524

Rectangle

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



68.2548, -21.6516, 2.2879



68.2562, -14.3909, -12.7724



68.2562, 16.4461, 5.1117



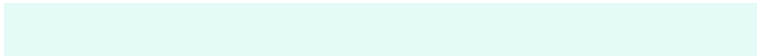
68.2562, 7.8084, 16.9004

Sweetspot

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



68.2562, -21.6525, 2.2889



95.5995, -12.9265, 4.3453



67.5833, -26.7992, 21.7073



44.1301, -6.5364, 1.9516



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



68.2562, -21.6525, 2.2889



90.3211, -32.9851, 2.9716



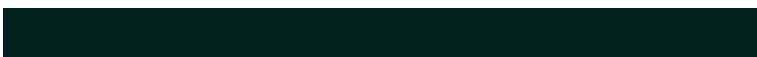
62.2299, -10.6783, -9.9119



33.7663, -4.6340, 1.5282



52.1160, -32.4061, 4.8150



10.8662, -6.5355, 0.5263

Inverse Universe

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



54.8332, 18.8376, 6.4445



68.9345, 31.8805, 9.7643



59.8455, 7.4751, 15.0222



31.7836, 1.2890, 2.1147



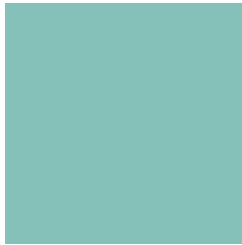
27.5810, 47.4740, 15.9567



5.8027, 10.1251, 2.2935

Previews

White Background



This preview shows how the HunterLab color 68.2548, -21.6516, 2.2879 looks on a white background.

Color Contrast Check

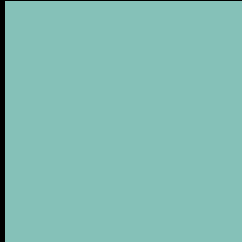
Large Text (above 18pt) WCAG AA × Fail

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 68.2548, -21.6516, 2.2879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

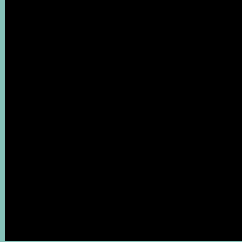
Any Text WCAG AA ✓ Pass

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 68.2548, -21.6516, 2.2879 Background



This preview shows how black text looks on a background with the HunterLab color 68.2548, -21.6516, 2.2879.



This preview shows how white text looks on a background with the HunterLab color 68.2548,

-21.6516, 2.2879.

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

68.2548, -21.6516, 2.2879

Protanopia

67.9199, -2.5281, 5.4977

Deuteranopia

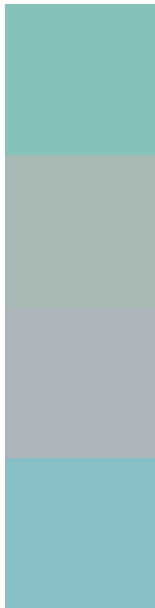
68.0321, 4.5444, 0.5372



Tritanopia

68.2920, -15.1844, -8.3288

Trichromacy



Original Color

68.2548, -21.6516, 2.2879

Protanomaly

67.8971, -10.2089, 3.9530

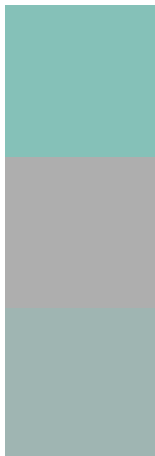
Deuteranomaly

67.6863, -5.8156, 0.4244

Tritanomaly

68.2107, -17.6708, -4.1932

Monochromacy



Original Color

68.2548, -21.6516, 2.2879

Achromatopsia

65.0590, -3.4714, 3.5348

Achromatomaly

66.0553, -10.5920, 2.7119

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.2548, -21.6516, 2.2879 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, 193, 184)` looks like.

```
.text, #text, p{  
    color:rgb(133, 193, 184)  
}
```

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, 193, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 193, 184) }
```

Border

The CSS property to change the border of an element to HunterLab 68.2548, -21.6516, 2.2879 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, 193, 184) }
```


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

```
.border{ border-color:rgb(133, 193, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 193, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 193, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 193, 184);  
box-shadow:4px 4px 4px 4px rgb(133, 193,  
184) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.2548, -21.6516, 2.2879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 193, 184) }
```

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

```
.background{ background-color: rgb(133,  
193, 184) }
```

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