

Converting Colors

HunterLab(83.5287, -22.1280,
8.3602)

Have a look what the booklet for
HunterLab(83.5287, -22.1280,
8.3602) contains.

HunterLab(83.5425, -22.1155, 8.2812)	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(83.5425,
-22.1155, 8.2812)**

Conversions

Conversions Part 1

Format	Color
Hex	B4E4D1
RGB	180, 228, 209
RGB Percent	71%, 89%, 82%
CMY	0.2941, 0.1059, 0.1804
CMYK	0.21, 0.00, 0.08, 0.11
HSL	156°, 47%, 80%
HSV	156°, 21%, 89%
XYZ	58.0744, 69.7935, 70.7322
YIQ	211.4820, -22.5090, -16.0850

Conversions

Conversions Part 2

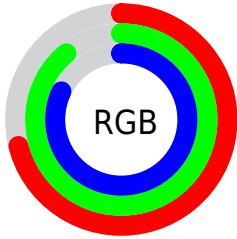
Format	Color
RYB	180, 210, 228
Decimal	11855057
CIELab	86.90, -19.24, 4.19
CIELCh	87, 19.689, 167.703
Yxy	69.7964, 0.2924, 0.3514
Android (android.graphics.Color)	4290045137 (0xFFB4E4D1)
YUV	211.4820, -1.2236, -27.6097
Hunter-Lab	83.5425, -22.1155, 8.2812

Details

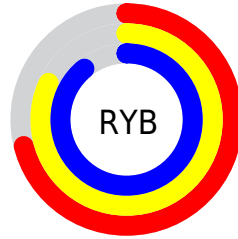
The HunterLab color $83.5425, -22.1155, 8.2812$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $72.9807, 15.6778, 1.3457$, and the grayscale version is $80.9308, -4.3183, 4.3971$.

A 20% lighter version of the original color is $98.2715, -11.4019, 3.2753$, and $60.2555, -18.7288, 6.2878$ is the 20% darker color. If you saturate the color by 10%, you get $81.7598, -29.3095, 10.2517$, and if you desaturate by 10%, it is $85.5696, -14.2012, 6.5068$.

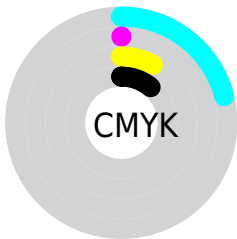
Distribution



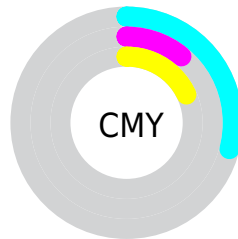
- Red (71%)
- Green (89%)
- Blue (82%)



- Red (71%)
- Yellow (82%)
- Blue (89%)



- Cyan (21%)
- Magenta (0%)
- Yellow (8%)
- Black (11%)





- Cyan (29%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.5425, -22.1155, 8.2812 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 83.5425, -22.1155, 8.2812 by changing the saturation by 10% instead.


 83.5425, -22.1155,
8.2812

 83.5425, -22.1155,
8.2812


214.4376,
-36.1256, 16.8431

 71.6663, -20.5234,
7.4406


 109.0497,
-25.2573, 10.0334

 60.4116, -18.9054,
6.6214


122.6268,
-26.8136, 10.9423

 49.8169, -17.2532,
5.8245


136.7248,
-28.3651, 11.8730

 39.9261, -15.5530,
5.0493

151.3251,
-29.9145, 12.8253

 30.7935, -13.7840,
4.2942

166.4111,
-31.4637, 13.7988

 22.4881, -11.9134,
3.5561

181.9675,

 15.1024, -9.8841,

-33.0144, 14.7931

2.8286

197.9806,
-34.5680, 15.8080

■ 8.7380, -10.0598,
2.4649

0.0000, NaN, NaN

■ 83.5425, -22.1155,
8.2812

■ 83.5425, -22.1155,
8.2812

■ 81.7598, -29.3095,
10.2517

■ 85.5696, -14.2012,
6.5068

■ 80.2185, -35.7132,
12.3959

■ 87.8311, -5.6366,
4.9385

■ 78.9190, -41.2765,
14.6897

■ 90.3219, 3.4988,
3.5849

■ 77.8566, -45.9674,
17.1026

■ 91.2953, 7.3675,
0.2278

■ 77.0216, -49.7793,
19.5995

■ 91.6043, 9.0162,
-4.1569

■ 76.3993, -52.7360,
22.1409

■ 91.6348, 9.1783,
-4.5880

■ 75.9684, -54.8993,
24.6840

■ 75.7079, -56.3017,
26.9109

Harmonies

Analogous

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



83.5442, -17.9708, 15.7518



83.5425, -22.1155, 8.2812



83.5442, -21.6949, -1.0989

Triad

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



83.5442, -22.1169, 8.2823



83.5442, 1.3554, -14.4309



83.5442, 8.6244, 16.7688

Complementary

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



83.5425, -22.1155, 8.2812



72.9807, 15.6778, 1.3457

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.



83.5442, 14.2914, 9.8255



83.5425, -22.1155, 8.2812



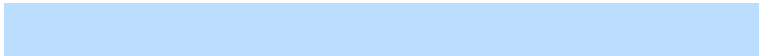
83.5442, 9.9633, -8.4618

Square

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



83.5442, -22.1169, 8.2823



83.5442, -8.4447, -14.9680



83.5442, 14.7924, 0.6319



83.5442, -0.4036, 20.2583

Rectangle

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



83.5425, -22.1155, 8.2812



83.5442, -18.8786, -7.1961



83.5442, 14.7924, 0.6319



83.5442, 11.0033, 14.8006

Sweetspot

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



83.5442, -22.1169, 8.2823



98.4016, -11.3316, 6.4639



84.2346, -21.1339, 21.1412



45.4473, -5.5376, 3.0449

0.0000, NaN, NaN



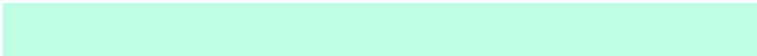
46.2646, -2.4686, 2.5136

Same Dimension

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



83.5442, -22.1169, 8.2823



93.9833, -28.5618, 10.2943



82.5771, -16.3924, -2.1057



40.2923, -6.0392, 2.9277



57.5494, -42.6538, 20.1454



15.7022, -11.2381, 4.6334

Inverse Universe

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



72.9807, 15.6778, 1.3457



79.7583, 22.4173, 0.9998



73.7600, 10.1733, 10.9187



38.0290, 2.0355, 1.4290



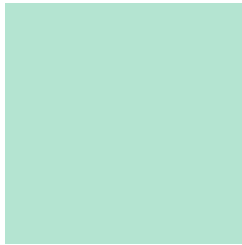
31.5830, 55.5136, 9.3483



8.6890, 15.4693, 1.0484

Previews

White Background



This preview shows how the HunterLab color 83.5425, -22.1155, 8.2812 looks on a white background.

Color Contrast Check

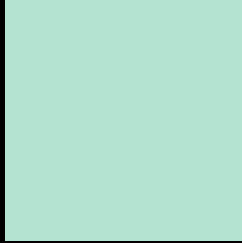
Large Text (above 18pt) WCAG AA × Fail

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 83.5425, -22.1155, 8.2812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

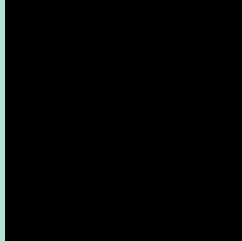
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

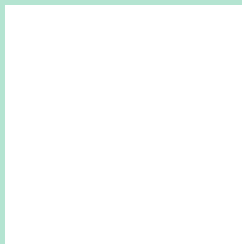
Any Text WCAG AAA ✓ Pass

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

HunterLab 83.5425, -22.1155, 8.2812 Background



This preview shows how black text looks on a background with the HunterLab color 83.5425, -22.1155, 8.2812.



This preview shows how white text looks on a background with the HunterLab color 83.5425,

-22.1155, 8.2812.

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

83.5425, -22.1155, 8.2812

Protanopia

83.2291, -3.9392, 10.9675

Deuteranopia

83.2154, 5.9272, 6.5290



Tritanopia

83.4058, -12.1704, -7.9760

Trichromacy



Original Color

83.5425, -22.1155, 8.2812

Protanomaly

83.0687, -10.8000, 9.7732

Deuteranomaly

83.2374, -4.9668, 6.8362

Tritanomaly

83.4853, -16.0273, -1.4825

Monochromacy



Original Color

83.5425, -22.1155, 8.2812

Achromatopsia

80.7097, -4.3065, 4.3851

Achromatomaly

81.5832, -10.9135, 5.7686

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.5425, -22.1155, 8.2812 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(180, 228, 209)` looks like.

```
.text, #text, p{  
    color:rgb(180, 228, 209)  
}
```

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(180, 228, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 228, 209) }
```

Border

The CSS property to change the border of an element to HunterLab 83.5425, -22.1155, 8.2812 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(180, 228, 209) }
```


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

```
.border{ border-color:rgb(180, 228, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 228, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 228, 209); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 228, 209); box-shadow:4px 4px 4px 4px rgb(180, 228, 209) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.5425, -22.1155, 8.2812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 228, 209) }
```

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

```
.background{ background-color: rgb(180,  
228, 209) }
```

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