

Converting Colors

HunterLab(83.7480, -22.8900,
5.6627)

Have a look what the booklet for
HunterLab(83.7480, -22.8900,
5.6627) contains.

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Color

**HunterLab(83.7012,
-22.8633, 5.6360)**

Conversions

Conversions Part 1

Format	Color
Hex	AFE5D7
RGB	175, 229, 215
RGB Percent	69%, 90%, 84%
CMY	0.3137, 0.1019, 0.1569
CMYK	0.24, 0.00, 0.06, 0.10
HSL	164°, 51%, 79%
HSV	164°, 24%, 90%
XYZ	57.9643, 70.0589, 74.7577
YIQ	211.2580, -27.6900, -15.8020

Conversions

Conversions Part 2

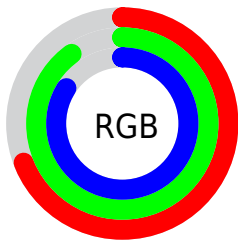
Format	Color
RYB	175, 206, 229
Decimal	11527639
CIELab	87.03, -20.07, 1.19
CIELCh	87, 20.102, 176.599
Yxy	70.0618, 0.2858, 0.3455
Android (android.graphics.Color)	4289717719 (0xFFAFE5D7)
YUV	211.2580, 1.8448, -31.7983
Hunter-Lab	83.7012, -22.8633, 5.6360

Details

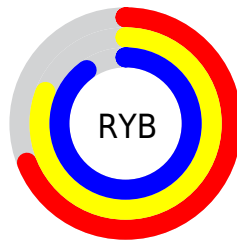
The HunterLab color $83.7012, -22.8633, 5.6360$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $71.4101, 17.0896, 4.3264$, and the grayscale version is $80.8232, -4.3125, 4.3913$.

A 20% lighter version of the original color is $97.8412, -12.9292, 2.7323$, and $60.4071, -19.5050, 4.2384$ is the 20% darker color. If you saturate the color by 10%, you get $82.0567, -29.3836, 6.4334$, and if you desaturate by 10%, it is $85.5868, -15.6168, 5.1054$.

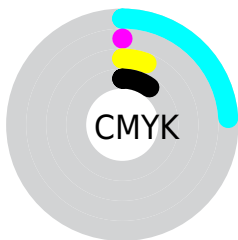
Distribution



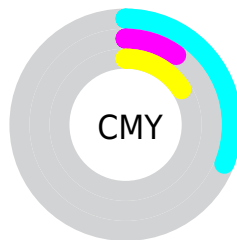
- Red (69%)
- Green (90%)
- Blue (84%)



- Red (69%)
- Yellow (81%)
- Blue (90%)



- Cyan (24%)
- Magenta (0%)
- Yellow (6%)
- Black (10%)





- Cyan (31%)
- Magenta (10%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 83.7012, -22.8633, 5.6360 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 83.7012, -22.8633, 5.6360 by changing the saturation by 10% instead.


 83.7012, -22.8633,
5.6360

 83.7012, -22.8633,
5.6360


214.6548,
-37.1845, 13.1685

 71.8171, -21.2283,
4.9357


 109.2231,
-26.0841, 7.1279

 60.5541, -19.5649,
4.2650


122.8071,
-27.6773, 7.9149

 49.9505, -17.8641,
3.6265


136.9118,
-29.2643, 8.7286

 40.0502, -16.1112,
3.0219

151.5185,
-30.8477, 9.5679

 30.9073, -14.2846,
2.4530

166.6107,
-32.4299, 10.4323

 22.5906, -12.3497,
1.9217

182.1732,

 15.1922, -10.2468,

-34.0124, 11.3209

1.4303

198.1921,
-35.5969, 12.2332

■ 8.8201, -10.3847,
1.0405

0.0000, NaN, NaN

■ 83.7012, -22.8633,
5.6360

■ 83.7012, -22.8633,
5.6360

■ 82.0567, -29.3836,
6.4334

■ 85.5868, -15.6168,
5.1054

■ 80.6485, -35.1199,
7.4860

■ 87.7051, -7.7048,
4.8401

■ 79.4756, -40.0352,
8.7805

■ 90.0522, 0.8005,
4.8381

■ 78.5309, -44.1120,
10.2959

■ 91.3885, 5.7097,
3.5573

■ 77.8032, -47.3584,
12.0042

■ 91.5833, 6.7529,
0.7852

■ 77.2758, -49.8129,
13.8713

■ 91.7839, 7.8255,
-2.0650

■ 76.9248, -51.5516,
15.8560

■ 91.9354, 8.6336,
-4.2121

■ 76.7654, -52.3954,
17.1565

Harmonies

Analogous

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



83.7029, -19.9695, 14.0389



83.7012, -22.8633, 5.6360



83.7029, -21.0258, -4.0809

Triad

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



83.7029, -22.8646, 5.6372



83.7029, 4.3401, -13.5630



83.7029, 6.4122, 18.4700

Complementary

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



83.7012, -22.8633, 5.6360



71.4101, 17.0896, 4.3264

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.



83.7029, 13.4803, 12.3609



83.7012, -22.8633, 5.6360



83.7029, 12.2450, -6.1848

Square

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



83.7029, -22.8646, 5.6372



83.7029, -5.6116, -15.9031



83.7029, 15.6630, 3.4606



83.7029, -3.3235, 20.8780

Rectangle

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



83.7012, -22.8633, 5.6360



83.7029, -17.3133, -9.8986



83.7029, 15.6630, 3.4606



83.7029, 9.1962, 16.8191

Sweetspot

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



83.7029, -22.8646, 5.6372



98.2221, -11.8767, 5.5376



83.6701, -25.1506, 22.3763



45.3739, -5.7483, 2.5693

0.0000, NaN, NaN



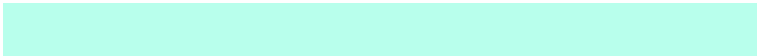
46.2646, -2.4686, 2.5136

Same Dimension

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



83.7029, -22.8646, 5.6372



93.6725, -29.3124, 6.7439



80.0566, -14.1612, -5.8197



40.3351, -5.8006, 2.3164



58.0620, -39.5088, 12.7157



15.8308, -10.4517, 2.7751

Inverse Universe

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



71.4101, 17.0896, 4.3264



77.2300, 24.2604, 5.0618



74.5325, 8.3569, 13.8089



37.9856, 1.8021, 2.0480



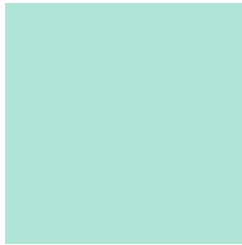
31.1829, 54.0415, 15.1900



8.5642, 15.0125, 2.8511

Previews

White Background



This preview shows how the HunterLab color 83.7012, -22.8633, 5.6360 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 83.7012, -22.8633, 5.6360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

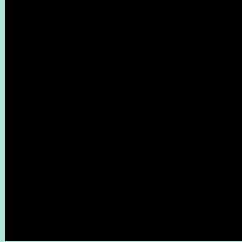
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

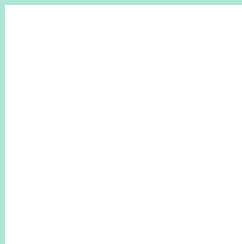
Any Text WCAG AAA ✓ Pass

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

HunterLab 83.7012, -22.8633, 5.6360 Background



This preview shows how black text looks on a background with the HunterLab color 83.7012, -22.8633, 5.6360.



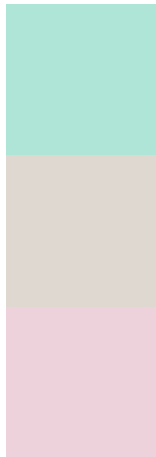
This preview shows how white text looks on a background with the HunterLab color 83.7012,

-22.8633, 5.6360.

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

83.7012, -22.8633, 5.6360

Protanopia

83.2789, -3.4754, 8.7703

Deuteranopia

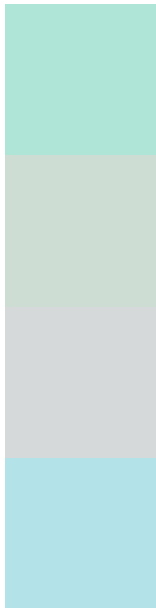
83.1939, 6.2281, 3.6109



Tritanopia

83.7528, -14.0897, -8.6657

Trichromacy



Original Color

83.7012, -22.8633, 5.6360

Protanomaly

83.3894, -10.9307, 7.3751

Deuteranomaly

83.0565, -5.2265, 3.7380

Tritanomaly

83.5821, -17.0745, -3.4814

Monochromacy



Original Color

83.7012, -22.8633, 5.6360

Achromatopsia

80.7097, -4.3065, 4.3851

Achromatomaly

81.7937, -11.6677, 5.0462

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.7012, -22.8633, 5.6360 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(175, 229, 215)` looks like.

```
.text, #text, p{  
    color:rgb(175, 229, 215)  
}
```

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(175, 229, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 229, 215) }
```

Border

The CSS property to change the border of an element to HunterLab 83.7012, -22.8633, 5.6360 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(175, 229, 215) }
```


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

```
.border{ border-color:rgb(175, 229, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 229, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 229, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 229, 215); box-shadow:4px 4px 4px 4px rgb(175, 229, 215) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.7012, -22.8633, 5.6360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 229, 215) }
```

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

```
.background{ background-color: rgb(175,  
229, 215) }
```

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](#).

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