

Converting Colors

HunterLab(85.7822, -29.4757,
12.8584)

Have a look what the booklet for
HunterLab(85.7822, -29.4757,
12.8584) contains.

HunterLab(85.7822, -29.4757, 12.8584)	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(85.7822,
-29.4757, 12.8584)**

Conversions

Conversions Part 1

Format	Color
Hex	ABEDCC
RGB	171, 237, 204
RGB Percent	67%, 93%, 80%
CMY	0.3294, 0.0706, 0.2000
CMYK	0.28, 0.00, 0.14, 0.07
HSL	150°, 65%, 80%
HSV	150°, 28%, 93%
XYZ	57.9778, 73.5859, 68.2744
YIQ	213.5040, -28.7430, -24.2550

Conversions

Conversions Part 2

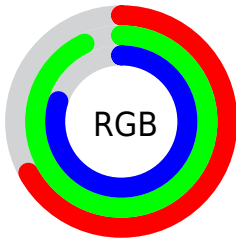
Format	Color
RYB	171, 215, 237
Decimal	11267532
CIELab	88.73, -27.36, 9.38
CIELCh	89, 28.927, 161.079
Yxy	73.5889, 0.2901, 0.3682
Android (android.graphics.Color)	4289457612 (0xFFABEDCC)
YUV	213.5040, -4.6855, -37.2760
Hunter-Lab	85.7822, -29.4757, 12.8584

Details

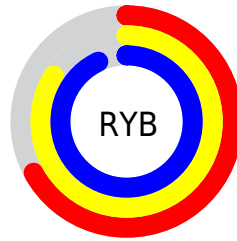
The HunterLab color $85.7822, -29.4757, 12.8584$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $71.7577, 24.6451, -2.5554$, and the grayscale version is $81.8186, -4.3656, 4.4454$.

A 20% lighter version of the original color is $97.5879, -13.8313, 2.4117$, and $62.4753, -25.4322, 10.6687$ is the 20% darker color. If you saturate the color by 10%, you get $84.0324, -36.8045, 15.8884$, and if you desaturate by 10%, it is $87.7974, -21.3116, 9.9230$.

Distribution



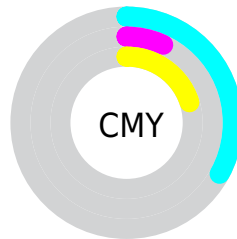
- Red (67%)
- Green (93%)
- Blue (80%)



- Red (67%)
- Yellow (84%)
- Blue (93%)



- Cyan (28%)
- Magenta (0%)
- Yellow (14%)
- Black (7%)





- Cyan (33%)
- Magenta (7%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 85.7822, -29.4757, 12.8584 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 85.7822, -29.4757, 12.8584 by changing the saturation by 10% instead.


 85.7822, -29.4757,
12.8584

 85.7822, -29.4757,
12.8584


217.4979,
-46.5434, 23.2818

 73.7954, -27.4642,
11.7627


 111.4957,
-33.3940, 15.0829

 62.4241, -25.4012,
10.6730


125.1696,
-35.3128, 16.2124

 51.7055, -23.2734,
9.5870


139.3609,
-37.2124, 17.3550

 41.6821, -21.0599,
8.4996

154.0514,
-39.0970, 18.5114

 32.4060, -18.7302,
7.4033

169.2246,
-40.9698, 19.6819

 23.9431, -16.2368,
6.2853

184.8656,

 16.3806, -13.4996,

-42.8336, 20.8671

5.1236

200.9609,
-44.6909, 22.0670

■ 9.8422, -12.6832,
4.5024

0.0000, NaN, NaN

■ 85.7822, -29.4757,
12.8584

■ 85.7822, -29.4757,
12.8584

■ 84.0324, -36.8045,
15.8884

■ 87.7974, -21.3116,
9.9230

■ 82.5433, -43.2263,
18.9750

■ 90.0687, -12.3883,
7.1084

■ 81.3134, -48.6948,
22.0800

■ 92.5912, -2.7943,
4.4390

■ 80.3345, -53.1880,
25.1609

■ 94.2452, 3.6402,
0.5102

■ 79.5933, -56.7163,
28.1733

■ 94.3669, 4.2949,
-1.2177

■ 79.0696, -59.3295,
31.0723

■ 78.7309, -61.1395,
33.8096

■ 78.6708, -61.4708,
34.3663

Harmonies

Analogous

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



85.7840, -22.2035, 22.4072



85.7822, -29.4757, 12.8584



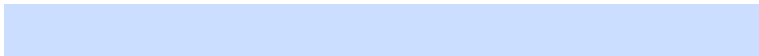
85.7840, -30.3490, -0.6041

Triad

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



85.7840, -29.4771, 12.8595



85.7840, 0.8611, -25.7719



85.7840, 17.5442, 20.3821

Complementary

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



85.7822, -29.4757, 12.8584



71.7577, 24.6451, -2.5554

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.



85.7840, 24.6388, 9.6281



85.7822, -29.4757, 12.8584



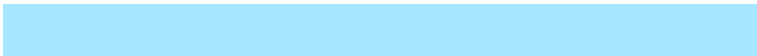
85.7840, 14.5882, -17.9140

Square

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



85.7840, -29.4771, 12.8595



85.7840, -13.4673, -24.5164



85.7840, 23.5223, -4.4173



85.7840, 4.6807, 26.2242

Rectangle

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



85.7822, -29.4757, 12.8584



85.7840, -27.2536, -10.2376



85.7840, 23.5223, -4.4173



85.7840, 20.7203, 17.3040

Sweetspot

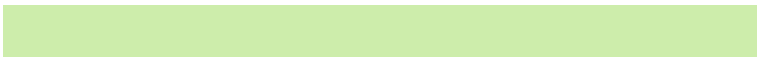
The Sweet Spot groups the original color and five complimentary colors.



85.7840, -29.4771, 12.8595



97.8236, -13.6457, 7.7788



87.4673, -24.8226, 27.3453



45.0773, -7.0125, 3.8083

0.0000, NaN, NaN



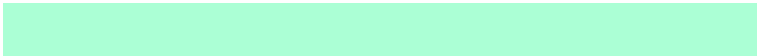
46.2646, -2.4686, 2.5136

Same Dimension

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



85.7840, -29.4771, 12.8595



92.1744, -36.3547, 15.7017



86.7639, -23.8580, -1.1329



41.2163, -6.3761, 3.4710



58.1508, -45.2778, 25.0583



16.3546, -12.3195, 6.1524

Inverse Universe

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



71.7577, 24.6451, -2.5554



74.2493, 33.0005, -3.8993



70.7915, 19.7038, 11.2347



38.9611, 2.2795, 0.9700



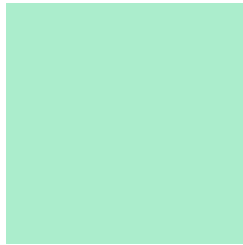
32.5224, 57.9930, 3.2052



9.2194, 16.6356, -0.6092

Previews

White Background



This preview shows how the HunterLab color 85.7822, -29.4757, 12.8584 looks on a white background.

Color Contrast Check

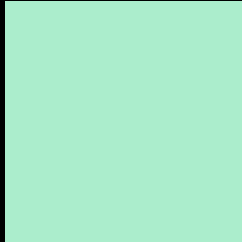
Large Text (above 18pt) WCAG AA × Fail

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 85.7822, -29.4757, 12.8584 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

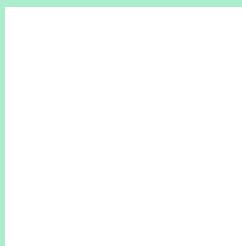
Any Text WCAG AAA ✓ Pass

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

HunterLab 85.7822, -29.4757, 12.8584 Background



This preview shows how black text looks on a background with the HunterLab color 85.7822, -29.4757, 12.8584.



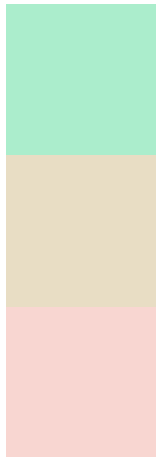
This preview shows how white text looks on a background with the HunterLab color 85.7822, -29.4757, 12.8584.

-29.4757, 12.8584.

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

85.7822, -29.4757, 12.8584

Protanopia

85.3547, -4.8659, 16.2332

Deuteranopia

85.2368, 6.3623, 10.6747



Tritanopia

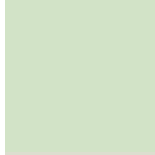
85.8456, -16.1199, -9.2831

Trichromacy



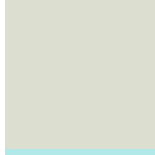
Original Color

85.7822, -29.4757, 12.8584



Protanomaly

85.3014, -14.6070, 14.7503



Deuteranomaly

84.8311, -7.6870, 10.8798



Tritanomaly

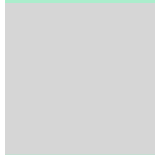
85.7369, -21.0036, -0.8480

Monochromacy



Original Color

85.7822, -29.4757, 12.8584



Achromatopsia

82.0026, -4.3755, 4.4554



Achromatomaly

83.0069, -13.9941, 7.3520

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 85.7822, -29.4757, 12.8584 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(171, 237, 204)` looks like.

```
.text, #text, p{  
    color:rgb(171, 237, 204)  
}
```

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(171, 237, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 237, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 85.7822, -29.4757, 12.8584 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(171, 237, 204) }
```


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

```
.border{ border-color:rgb(171, 237, 204) }
```

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

Here you see how a box with a 4 pixel rgb(171, 237, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 237, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 237, 204);  
box-shadow:4px 4px 4px 4px rgb(171, 237,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 85.7822, -29.4757, 12.8584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 237, 204) }
```

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

```
.background{ background-color: rgb(171,  
237, 204) }
```

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