

Converting Colors

HunterLab(70.8980, -31.6767,
16.2865)

Have a look what the booklet for
HunterLab(70.8980, -31.6767,
16.2865) contains.

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Color

**HunterLab(70.9135,
-31.6387, 16.4728)**

Conversions

Conversions Part 1

Format	Color
Hex	81CC9D
RGB	129, 204, 157
RGB Percent	51%, 80%, 62%
CMY	0.4941, 0.2000, 0.3843
CMYK	0.37, 0.00, 0.23, 0.20
HSL	142°, 42%, 65%
HSV	142°, 37%, 80%
XYZ	36.7320, 50.2872, 39.6688
YIQ	176.2170, -29.6130, -30.5170

Conversions

Conversions Part 2

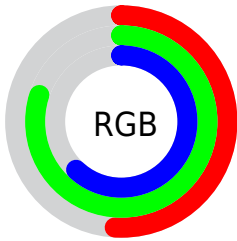
Format	Color
RYB	129, 184, 204
Decimal	8506525
CIELab	76.25, -33.41, 16.20
CIELCh	76, 37.132, 154.131
Yxy	50.2893, 0.2899, 0.3969
Android (android.graphics.Color)	4286696605 (0xFF81CC9D)
YUV	176.2170, -9.4740, -41.4093
Hunter-Lab	70.9135, -31.6387, 16.4728

Details

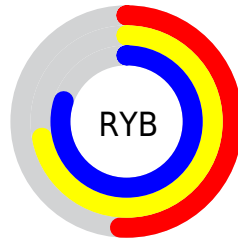
The HunterLab color $70.9135, -31.6387, 16.4728$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $56.2793, 30.2505, -8.0650$, and the grayscale version is $66.0290, -3.5231, 3.5875$.

A 20% lighter version of the original color is $92.9859, -33.3205, 16.9983$, and $49.0632, -26.4514, 13.2916$ is the 20% darker color. If you saturate the color by 10%, you get $69.5945, -37.4007, 19.6759$, and if you desaturate by 10%, it is $72.4633, -25.0827, 13.1825$.

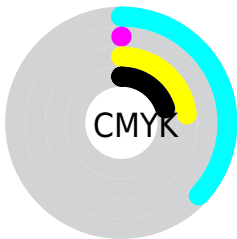
Distribution



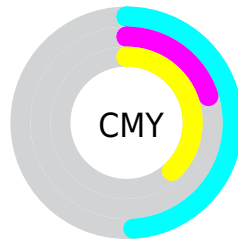
- Red (51%)
- Green (80%)
- Blue (62%)



- Red (51%)
- Yellow (72%)
- Blue (80%)



- Cyan (37%)
- Magenta (0%)
- Yellow (23%)
- Black (20%)



- Cyan (49%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.9135, -31.6387, 16.4728 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 70.9135, -31.6387, 16.4728 by changing the saturation by 10% instead.

■ 70.9135, -31.6387,
16.4728

■ 70.9135, -31.6387,
16.4728

196.9254,
-51.3607, 29.3870

■ 59.7020, -29.2127,
15.0081

■ 95.1858, -36.2828,
19.3578

■ 49.1517, -26.6893,
13.5160

■ 108.1852,
-38.5257, 20.7878

■ 39.3084, -24.0399,
11.9844

■ 121.7277,
-40.7291, 22.2149

■ 30.2273, -21.2208,
10.3940

135.7924,
-42.9002, 23.6420

■ 21.9786, -18.1633,
8.7143

150.3606,
-45.0446, 25.0711

■ 14.6567, -14.7498,
6.9196

165.4154,

■ 8.3158, -14.5527,

-47.1670, 26.5041

5.8211

180.9417,
-49.2713, 27.9424

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.9135, -31.6387,
16.4728

■ 70.9135, -31.6387,
16.4728

■ 69.5945, -37.4007,
19.6759

■ 72.4633, -25.0827,
13.1825

■ 68.5001, -42.3163,
22.7495

■ 74.2380, -17.7947,
9.8411

■ 67.6261, -46.3595,
25.6547

■ 76.2346, -9.8513,
6.4850

■ 66.9622, -49.5311,
28.3540


■ 78.4468, -1.3327,
3.1452


■ 66.4924, -51.8658,


■ 80.8663, 7.6808,


30.8136


-0.1519

 66.1920, -53.4469,
33.0021

 83.4840, 17.1124,
-3.3851

 66.1148, -53.8639,
33.6388

 84.3397, 20.7561,
-9.2390

 84.6568, 22.3954,
-13.7021

Harmonies

Analogous

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



70.9150, -21.7265, 25.6028



70.9135, -31.6387, 16.4728



70.9150, -34.3728, 1.5112

Triad

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



70.9150, -31.6398, 16.4736



70.9150, -1.3431, -36.1462



70.9150, 26.3258, 19.5972

Complementary

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



70.9135, -31.6387, 16.4728



56.2793, 30.2505, -8.0650

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.



70.9150, 33.0604, 6.1313



70.9135, -31.6387, 16.4728



70.9150, 16.1332, -28.1411

Square

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



70.9150, -31.6398, 16.4736



70.9150, -17.9034, -31.4766



70.9150, 29.1616, -11.6036



70.9150, 11.5266, 27.0751

Rectangle

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



70.9135, -31.6387, 16.4728



70.9150, -32.0018, -10.5396



70.9150, 29.1616, -11.6036



70.9150, 29.6699, 15.7575

Sweetspot

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



70.9150, -31.6398, 16.4736



96.9442, -17.2499, 10.2358



73.5266, -22.8850, 28.1581



44.6877, -8.6301, 5.0101

0.0000, NaN, NaN



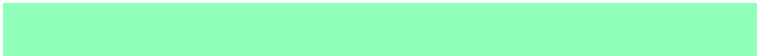
46.2646, -2.4686, 2.5136

Same Dimension

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



70.9150, -31.6398, 16.4736



89.9063, -46.5962, 24.4294



71.9376, -25.6818, 1.8105



35.5036, -5.6288, 3.4559



52.4672, -42.6332, 26.4533



11.9781, -9.3034, 5.1118

Inverse Universe

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



56.2793, 30.2505, -8.0650



67.5683, 48.3377, -12.8226



55.1389, 24.6256, 8.1417



33.6600, 2.0959, 0.3400



30.1278, 54.9035, -6.1804



6.9474, 12.8450, -2.8552

Previews

White Background



This preview shows how the HunterLab color 70.9135, -31.6387, 16.4728 looks on a white background.

Color Contrast Check

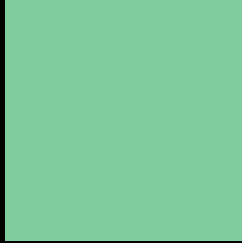
Large Text (above 18pt) WCAG AA × Fail

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 70.9135, -31.6387, 16.4728 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

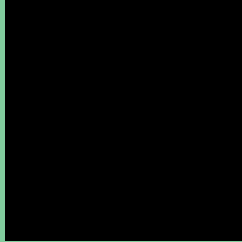
Any Text WCAG AA ✓ Pass

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 70.9135, -31.6387, 16.4728 Background



This preview shows how black text looks on a background with the HunterLab color 70.9135, -31.6387, 16.4728.



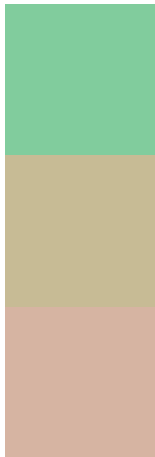
This preview shows how white text looks on a background with the HunterLab color 70.9135,

-31.6387, 16.4728.

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

70.9135, -31.6387, 16.4728

Protanopia

70.6064, -5.3769, 19.5367

Deuteranopia

70.3898, 5.0683, 14.6705



Tritanopia

70.9568, -16.4195, -8.6102

Trichromacy



Original Color

70.9135, -31.6387, 16.4728

Protanomaly

70.2891, -15.8563, 17.9769

Deuteranomaly

70.0004, -10.1197, 14.7876

Tritanomaly

71.0160, -22.5176, 1.7306

Monochromacy



Original Color

70.9135, -31.6387, 16.4728

Achromatopsia

65.8903, -3.5157, 3.5799

Achromatomaly

67.3449, -14.4338, 8.1983

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.9135, -31.6387, 16.4728 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(129, 204, 157)` looks like.

```
.text, #text, p{  
    color:rgb(129, 204, 157)  
}
```

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(129, 204, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 204, 157) }
```

Border

The CSS property to change the border of an element to HunterLab 70.9135, -31.6387, 16.4728 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(129, 204, 157) }
```


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

```
.border{ border-color:rgb(129, 204, 157) }
```

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

Here you see how a box with a 4 pixel rgb(129, 204, 157) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 204, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 204, 157);  
box-shadow:4px 4px 4px 4px rgb(129, 204,  
157) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.9135, -31.6387, 16.4728 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 204, 157) }
```

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

```
.background{ background-color: rgb(129,  
204, 157) }
```

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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