

Converting Colors

HunterLab(75.8574, -24.9876,
-2.8967)

Have a look what the booklet for
HunterLab(75.8574, -24.9876,
-2.8967) contains.

HunterLab(75.8574, -24.9876, -2.8967)	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(75.8574,
-24.9876, -2.8967)**

Conversions

Conversions Part 1

Format	Color
Hex	87D5D5
RGB	135, 213, 213
RGB Percent	53%, 84%, 84%
CMY	0.4706, 0.1647, 0.1647
CMYK	0.37, 0.00, 0.00, 0.16
HSL	180°, 48%, 68%
HSV	180°, 37%, 84%
XYZ	45.7961, 57.5435, 71.6441
YIQ	189.6780, -46.4880, -16.5360

Conversions

Conversions Part 2

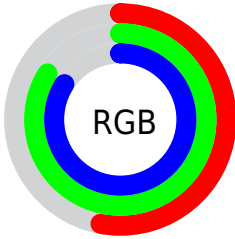
Format	Color
RYB	135, 174, 213
Decimal	8902101
CIELab	80.49, -23.90, -7.60
CIElCh	80, 25.078, 197.645
Yxy	57.5457, 0.2617, 0.3289
Android (android.graphics.Color)	4287092181 (0xFF87D5D5)
YUV	189.6780, 11.4977, -47.9526
Hunter-Lab	75.8574, -24.9876, -2.8967

Details

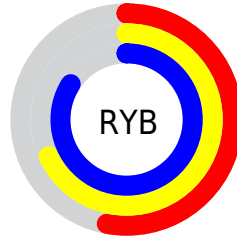
The HunterLab color $75.8574, -24.9876, -2.8967$ is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be $57.6411, 24.4833, 12.3673$, and the grayscale version is $71.5904, -3.8199, 3.8896$.

A 20% lighter version of the original color is $94.7715, -24.0321, -1.2105$, and $53.5050, -21.2172, -3.2472$ is the 20% darker color. If you saturate the color by 10%, you get $74.8011, -28.9904, -4.3129$, and if you desaturate by 10%, it is $77.1316, -20.2529, -1.2169$.

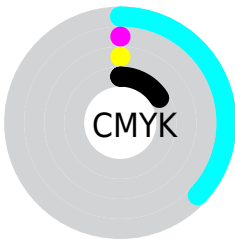
Distribution



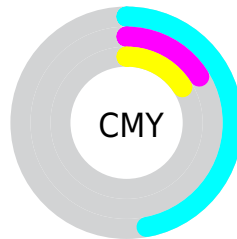
- Red (53%)
- Green (84%)
- Blue (84%)



- Red (53%)
- Yellow (68%)
- Blue (84%)



- Cyan (37%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)



- Cyan (47%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.8574, -24.9876, -2.8967 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 75.8574, -24.9876, -2.8967 by changing the saturation by 10% instead.

75.8574, -24.9876,
-2.8967

75.8574, -24.9876,
-2.8967

203.8360,
-40.8248, 1.5397

64.3767, -23.1265,
-3.1813

100.6285,
-28.6112, -2.1816

53.5405, -21.2165,
-3.4140

113.8609,
-30.3876, -1.7598

43.3914, -19.2420,
-3.5886

127.6272,
-32.1477, -1.2982

33.9797, -17.1793,
-3.6984

141.9075,
-33.8959, -0.7990

25.3682, -14.9915,
-3.7349

156.6839,
-35.6352, -0.2640

17.6398, -12.6175,
-3.6870

171.9404,

10.9101, -10.5862,

-37.3684, 0.3051

-3.5415

187.6622,
-39.0976, 0.9067

■ 2.3185, -4.0574,
-13.4643

0.0000, NaN, NaN

■ 75.8574, -24.9876,
-2.8967

■ 75.8574, -24.9876,
-2.8967

■ 74.8011, -28.9904,
-4.3129

■ 77.1316, -20.2529,
-1.2169

■ 73.9531, -32.2440,
-5.4643

■ 78.6211, -14.8157,
0.7126

■ 73.3062, -34.7542,
-6.3519

■ 80.3266, -8.7217,
2.8779

■ 72.8475, -36.5491,
-6.9862

■ 82.2449, -2.0245,
5.2607

■ 72.5592, -37.6835,
-7.3869

■ 84.3709, 5.2164,
7.8407

■ 72.4160, -38.2489,
-7.5864

■ 85.8223, 10.0574,
9.5677

■ 72.3839, -38.3759,
-7.6311

■ 85.8224, 10.0575,
9.5675

■ 85.8224, 10.0576,
9.5672

■ 85.8224, 10.0577,
9.5669

Harmonies

Analogous

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



75.8589, -25.4816, 8.7171



75.8574, -24.9876, -2.8967



75.8589, -19.1091, -14.1288

Triad

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



75.8589, -24.9884, -2.8956



75.8589, 13.9317, -12.3594



75.8589, 0.9947, 22.7347

Complementary

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



75.8574, -24.9876, -2.8967



57.6411, 24.4833, 12.3673

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.



75.8589, 12.2803, 18.7405



75.8574, -24.9876, -2.8967



75.8589, 20.0576, -0.7644

Square

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



75.8589, -24.9884, -2.8956



75.8589, 3.1353, -20.1542



75.8589, 19.4349, 10.5405



75.8589, -10.9807, 22.3484

Rectangle

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



75.8574, -24.9876, -2.8967



75.8589, -12.7057, -19.3428



75.8589, 19.4349, 10.5405



75.8589, 5.0085, 21.8895

Sweetspot

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



75.8589, -24.9884, -2.8956



97.5001, -14.1447, 2.3008



73.8914, -36.6162, 26.4973



44.9758, -7.0167, 0.8965

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.8589, -24.9884, -2.8956



91.9574, -34.5537, -4.9383



63.8230, -7.1121, -19.2792



37.5605, -4.9379, 1.0576



56.5717, -29.9927, -5.9641



13.8935, -7.3659, -1.4648

Inverse Universe

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



57.6411, 24.4833, 12.3673



65.4386, 38.1694, 17.5170



67.5793, 5.0917, 21.6200



35.2432, 1.2461, 2.9626



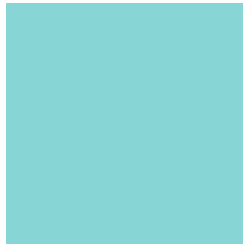
29.3958, 50.3412, 18.9945



7.2194, 12.3634, 4.6647

Previews

White Background



This preview shows how the HunterLab color 75.8574, -24.9876, -2.8967 looks on a white background.

Color Contrast Check

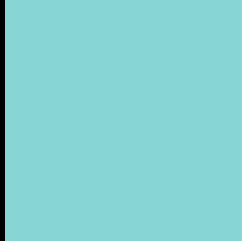
Large Text (above 18pt) WCAG AA × Fail

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 75.8574, -24.9876, -2.8967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

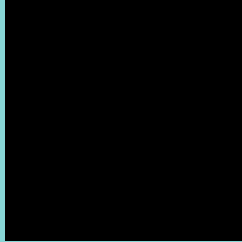
Any Text WCAG AA ✓ Pass

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 75.8574, -24.9876, -2.8967 Background



This preview shows how black text looks on a background with the HunterLab color 75.8574, -24.9876, -2.8967.



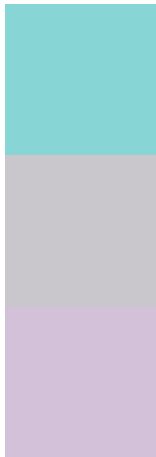
This preview shows how white text looks on a background with the HunterLab color 75.8574,

-24.9876, -2.8967.

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

75.8574, -24.9876, -2.8967

Protanopia

75.6077, -2.0395, 1.7558

Deuteranopia

75.3998, 5.7672, -5.0579



Tritanopia

75.9466, -20.2191, -10.8569

Trichromacy



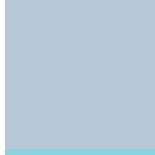
Original Color

75.8574, -24.9876, -2.8967



Protanomaly

75.2090, -11.1668, -0.3887



Deuteranomaly

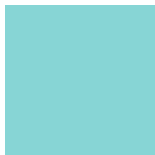
75.0558, -6.3064, -5.1808



Tritanomaly

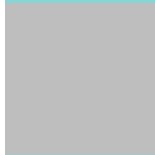
76.0381, -21.9263, -7.9648

Monochromacy



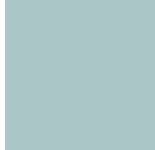
Original Color

75.8574, -24.9876, -2.8967



Achromatopsia

71.7578, -3.8288, 3.8987



Achromatomaly

72.8089, -12.2760, 1.1435

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.8574, -24.9876, -2.8967 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(135, 213, 213)` looks like.

```
.text, #text, p{  
    color:rgb(135, 213, 213)  
}
```

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(135, 213, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 213, 213) }
```

Border

The CSS property to change the border of an element to HunterLab 75.8574, -24.9876, -2.8967 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(135, 213, 213) }
```


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

```
.border{ border-color:rgb(135, 213, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 213, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 213, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 213, 213);  
box-shadow:4px 4px 4px 4px rgb(135, 213,  
213) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.8574, -24.9876, -2.8967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 213, 213) }
```

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

```
.background{ background-color: rgb(135,  
213, 213) }
```

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