

Converting Colors

HunterLab(76.3887, -17.0531,
-22.1567)

Have a look what the booklet for
HunterLab(76.3887, -17.0531,
-22.1567) contains.

HunterLab(76.3887, -17.0530, -22.1567)	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(76.3887,
-17.0530, -22.1567)**

Conversions

Conversions Part 1

Format	Color
Hex	85D3F8
RGB	133, 211, 248
RGB Percent	52%, 83%, 97%
CMY	0.4784, 0.1725, 0.0274
CMYK	0.46, 0.15, 0.00, 0.03
HSL	199°, 89%, 75%
HSV	199°, 46%, 97%
XYZ	49.9104, 58.3523, 97.4394
YIQ	191.8960, -58.3650, -5.0290

Conversions

Conversions Part 2

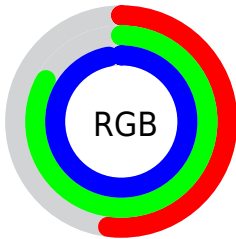
Format	Color
R _Y B	133, 179, 248
Decimal	8770552
CIE Lab	80.94, -14.43, -25.60
CIE LCh	81, 29.392, 240.587
Yxy	58.3545, 0.2426, 0.2837
Android (android.graphics.Color)	4286960632 (0xFF85D3F8)
YUV	191.8960, 27.6593, -51.6518
Hunter-Lab	76.3887, -17.0530, -22.1567

Details

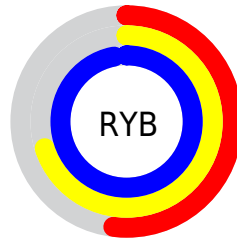
The HunterLab color **76.3887, -17.0530, -22.1567** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **70.9936, 19.8844, 25.5603**, and the grayscale version is **72.4647, -3.8665, 3.9371**.

A 20% lighter version of the original color is **94.7715, -24.0321, -1.2105**, and **53.8874, -14.0522, -21.9097** is the 20% darker color. If you saturate the color by 10%, you get **72.5960, -17.5902, -28.1051**, and if you desaturate by 10%, it is **80.4242, -15.7132, -16.1886**.

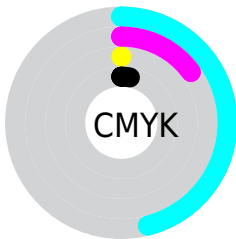
Distribution



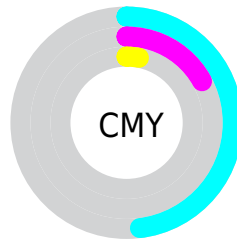
- Red (52%)
- Green (83%)
- Blue (97%)



- Red (52%)
- Yellow (70%)
- Blue (97%)



- Cyan (46%)
- Magenta (15%)
- Yellow (0%)
- Black (3%)



- Cyan (48%)
- Magenta (17%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 76.3887, -17.0530, -22.1567 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 76.3887, -17.0530, -22.1567 by changing the saturation by 10% instead.

■ 76.3887, -17.0530,
-22.1567

■ 76.3887, -17.0530,
-22.1567

204.5741,
-29.2472, -22.9043

■ 64.8797, -15.7019,
-21.8067

■ 101.2121,
-19.7401, -22.6784

■ 54.0136, -14.3380,
-21.3991

■ 114.4690,
-21.0825, -22.8568

■ 43.8327, -12.9536,
-20.9346

■ 128.2588,
-22.4277, -22.9828

■ 34.3865, -11.5372,
-20.4220

142.5618,
-23.7775, -23.0587

■ 25.7374, -10.0702,
-19.8855

157.3602,
-25.1333, -23.0868

■ 17.9671, -8.5219,
-19.3906

172.6379,

■ 11.1892, -6.8461,

-26.4963, -23.0692

-19.1350

188.3803,
-27.8673, -23.0078

■ 3.2182, -5.6318,
-39.0178

0.0000, NaN, -NF

■ 76.3887, -17.0530,
-22.1567

■ 76.3887, -17.0530,
-22.1567

■ 72.5960, -17.5902,
-28.1051

■ 80.4242, -15.7132,
-16.1886

■ 69.0546, -17.2634,
-34.0012

■ 84.6837, -13.6389,
-10.2345

■ 65.7754, -16.0317,
-39.8018

■ 89.1537, -10.9017,
-4.3149

■ 62.7610, -13.8870,
-45.4665

■ 93.8193, -7.5708,
1.5554

■ 60.0019, -10.8786,
-50.9718

■ 98.4724, -4.3831,
7.1305

■ 59.0430, -9.6503,
-52.9664

■ 99.7784, -6.5509,
8.5972

Harmonies

Analogous

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



76.3901, -26.2280, -10.3009



76.3887, -17.0530, -22.1567



76.3901, -3.7998, -26.7016

Triad

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



76.3901, -17.0534, -22.1553



76.3901, 25.2379, 4.4241



76.3901, -17.5050, 23.3361

Complementary

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



76.3887, -17.0530, -22.1567



70.9936, 19.8844, 25.5603

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.



76.3901, -4.3600, 25.8677



76.3887, -17.0530, -22.1567



76.3901, 20.9195, 16.2478

Square

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



76.3901, -17.0534, -22.1553



76.3901, 21.2348, -9.7547



76.3901, 9.8213, 23.5276



76.3901, -26.4751, 15.8638

Rectangle

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



76.3887, -17.0530, -22.1567



76.3901, 5.7769, -24.4281



76.3901, 9.8213, 23.5276



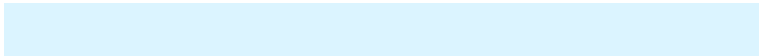
76.3901, -13.4613, 24.7247

Sweetspot

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



76.3901, -17.0534, -22.1553



93.1322, -10.4971, -3.0255



86.6042, -47.5904, 26.6925



42.6131, -5.1784, -2.0076

0.0000, NaN, NaN



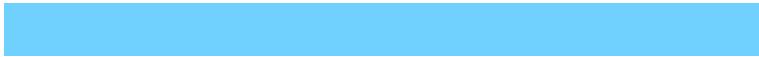
46.2646, -2.4686, 2.5136

Same Dimension

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



76.3901, -17.0534, -22.1553



75.0377, -18.1518, -28.8328



59.0801, 11.9859, -52.5088



43.1414, -4.0522, -0.1290



43.6997, -7.5635, -38.2935



14.0017, -3.3609, -10.2457

Inverse Universe

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



64.3712, 50.5635, -16.2150



61.2363, 63.5702, -19.5937



87.4894, -9.4880, 38.7052



41.7420, 2.8190, 0.1089



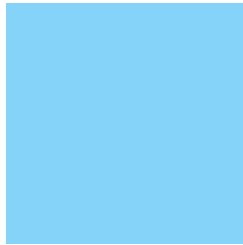
35.1265, 64.5911, -11.6885



10.7803, 19.9798, -4.8035

Previews

White Background



This preview shows how the HunterLab color 76.3887, -17.0530, -22.1567 looks on a white background.

Color Contrast Check

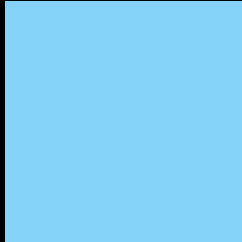
Large Text (above 18pt) WCAG AA × Fail

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 76.3887, -17.0530, -22.1567 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

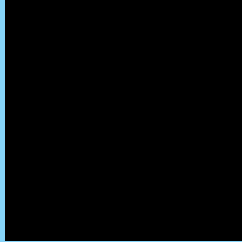
Any Text WCAG AA ✓ Pass

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 76.3887, -17.0530, -22.1567 Background



This preview shows how black text looks on a background with the HunterLab color 76.3887, -17.0530, -22.1567.



This preview shows how white text looks on a background with the HunterLab color 76.3887, -17.0530, -22.1567.

-17.0530, -22.1567.

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

76.3887, -17.0530, -22.1567

Protanopia

75.9582, 1.6325, -16.9079

Deuteranopia

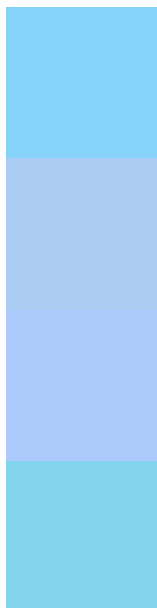
76.0147, 5.8599, -24.2438



Tritanopia

76.4538, -23.1916, -11.9244

Trichromacy



Original Color

76.3887, -17.0530, -22.1567

Protanomaly

75.9399, -6.0584, -18.8986

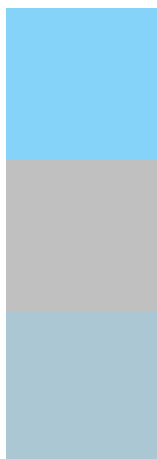
Deuteranomaly

75.7188, -3.0001, -24.2140

Tritanomaly

76.4518, -21.0517, -15.3947

Monochromacy



Original Color

76.3887, -17.0530, -22.1567

Achromatopsia

72.6027, -3.8739, 3.9446

Achromatomaly

73.6602, -9.9177, -4.9204

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.3887, -17.0530, -22.1567 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(133, 211, 248)` looks like.

```
.text, #text, p{  
    color:rgb(133, 211, 248)  
}
```

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(133, 211, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 211, 248) }
```

Border

The CSS property to change the border of an element to HunterLab 76.3887, -17.0530, -22.1567 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(133, 211, 248) }
```


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

```
.border{ border-color:rgb(133, 211, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 211, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 211, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 211, 248);  
box-shadow:4px 4px 4px 4px rgb(133, 211,  
248) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.3887, -17.0530, -22.1567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 211, 248) }
```

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

```
.background{ background-color: rgb(133,  
211, 248) }
```

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