

Converting Colors

HunterLab(67.2175, -16.8804,
-21.6627)

Have a look what the booklet for
HunterLab(67.2175, -16.8804,
-21.6627) contains.

HunterLab(67.3713, -17.0402, -21.4739)	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(67.3713,
-17.0402, -21.4739)**

Conversions

Conversions Part 1

Format	Color
Hex	6BBEE1
RGB	107, 190, 225
RGB Percent	42%, 75%, 88%
CMY	0.5804, 0.2549, 0.1176
CMYK	0.52, 0.16, 0.00, 0.12
HSL	198°, 66%, 65%
HSV	198°, 52%, 88%
XYZ	38.0675, 45.3889, 77.9887
YIQ	169.1730, -60.7030, -6.7110

Conversions

Conversions Part 2

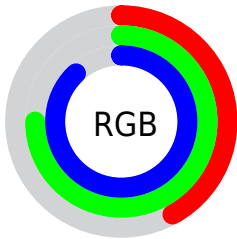
Format	Color
RYB	107, 156, 225
Decimal	7061217
CIELab	73.15, -15.70, -25.24
CIElCh	73, 29.724, 238.127
Yxy	45.3906, 0.2358, 0.2811
Android (android.graphics.Color)	4285251297 (0xFF6BBEE1)
YUV	169.1730, 27.5227, -54.5257
Hunter-Lab	67.3713, -17.0402, -21.4739

Details

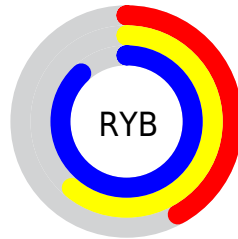
The HunterLab color **67.3713, -17.0402, -21.4739** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **60.3461, 22.7078, 23.9145**, and the grayscale version is **62.9693, -3.3599, 3.4212**.

A 20% lighter version of the original color is **90.0727, -25.7967, -7.2244**, and **46.1597, -14.2762, -20.6546** is the 20% darker color. If you saturate the color by 10%, you get **64.3020, -17.3302, -26.3634**, and if you desaturate by 10%, it is **70.6604, -16.0057, -16.5117**.

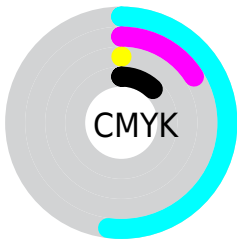
Distribution



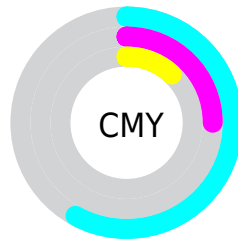
- Red (42%)
- Green (75%)
- Blue (88%)



- Red (42%)
- Yellow (61%)
- Blue (88%)



- Cyan (52%)
- Magenta (16%)
- Yellow (0%)
- Black (12%)



- Cyan (58%)
- Magenta (25%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.3713, -17.0402, -21.4739 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 67.3713, -17.0402, -21.4739 by changing the saturation by 10% instead.

■ 67.3713, -17.0402,
-21.4739

■ 67.3713, -17.0402,
-21.4739

191.9253,
-29.7052, -22.4795

■ 56.3606, -15.6098,
-21.0879

■ 91.2723, -19.8616,
-22.0648

■ 46.0242, -14.1555,
-20.6446

■ 104.0987,
-21.2625, -22.2750

■ 36.4105, -12.6655,
-20.1491

■ 117.4752,
-22.6618, -22.4311

■ 27.5789, -11.1212,
-19.6194

131.3803,
-24.0619, -22.5354

■ 19.6057, -9.4922,
-19.1052

145.7944,
-25.4648, -22.5903

■ 12.5960, -7.7228,
-18.7519

160.7001,

■ 5.9037, -10.3316,

-26.8722, -22.5979

-22.8919

176.0819,
-28.2853, -22.5603

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 67.3713, -17.0402,
-21.4739

■ 67.3713, -17.0402,
-21.4739

■ 64.3020, -17.3302,
-26.3634

■ 70.6604, -16.0057,
-16.5117

■ 61.4565, -16.8360,
-31.1493

■ 74.1551, -14.2791,
-11.5112

■ 58.8389, -15.5427,
-35.7969

■ 77.8449, -11.9197,
-6.4967

■ 56.4442, -13.4744,
-40.2817


■ 81.7174, -8.9881,
-1.4879


■ 54.7543, -11.5069,


■ 85.7607, -5.5430,


-43.5981

3.5006

 89.9630, -1.6393,
8.4587

 93.3284, -0.6894,
12.2420

 95.4110, -4.2070,
14.4516

 97.5236, -7.6998,
16.6511

Harmonies

Analogous

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



67.3726, -25.4316, -9.3457



67.3713, -17.0402, -21.4739



67.3726, -4.4631, -26.7404

Triad

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



67.3726, -17.0404, -21.4727



67.3726, 25.0151, 2.8375



67.3726, -15.6528, 22.3407

Complementary

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



67.3713, -17.0402, -21.4739



60.3461, 22.7078, 23.9145

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.



67.3726, -2.7294, 24.3262



67.3713, -17.0402, -21.4739



67.3726, 21.4264, 14.5113

Square

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



67.3726, -17.0404, -21.4727



67.3726, 20.4396, -11.0633



67.3726, 10.9877, 21.7691



67.3726, -24.6770, 15.6768

Rectangle

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



67.3713, -17.0402, -21.4739



67.3726, 4.8546, -24.9904



67.3726, 10.9877, 21.7691



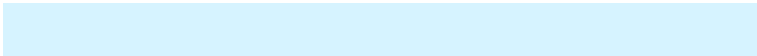
67.3726, -11.6542, 23.5104

Sweetspot

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



67.3726, -17.0404, -21.4727



92.5131, -11.6700, -3.8306



76.7356, -46.4615, 27.1695



42.3722, -5.7251, -2.3258

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.3726, -17.0404, -21.4727



73.7657, -19.9562, -30.9374



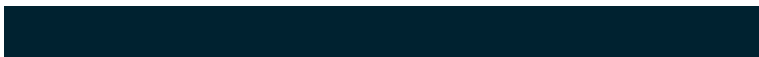
50.2199, 11.5799, -52.9525



38.5355, -3.7210, 0.0051



41.8191, -9.1175, -32.5882



11.6865, -3.3881, -7.2932

Inverse Universe

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



54.9929, 51.7892, -17.7306



58.1807, 71.7705, -23.2788



76.2344, -6.4338, 36.0433



37.2327, 2.5017, 0.0048



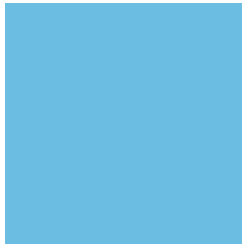
32.6703, 60.3847, -13.2745



8.6910, 16.2177, -4.7261

Previews

White Background



This preview shows how the HunterLab color 67.3713, -17.0402, -21.4739 looks on a white background.

Color Contrast Check

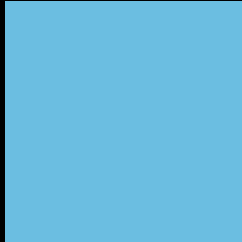
Large Text (above 18pt) WCAG AA × Fail

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 67.3713, -17.0402, -21.4739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

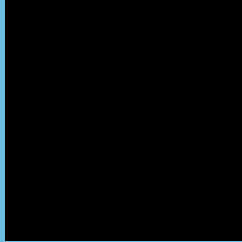
Any Text WCAG AA ✓ Pass

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 67.3713, -17.0402, -21.4739 Background



This preview shows how black text looks on a background with the HunterLab color 67.3713, -17.0402, -21.4739.



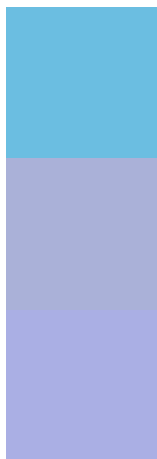
This preview shows how white text looks on a background with the HunterLab color 67.3713, -17.0402, -21.4739.

-17.0402, -21.4739.

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

67.3713, -17.0402, -21.4739

Protanopia

67.0434, 1.6707, -16.1115

Deuteranopia

66.9384, 5.2860, -23.6726



Tritanopia

67.4245, -23.1578, -11.3337

Trichromacy



Original Color

67.3713, -17.0402, -21.4739

Protanomaly

66.9129, -6.2656, -18.2612

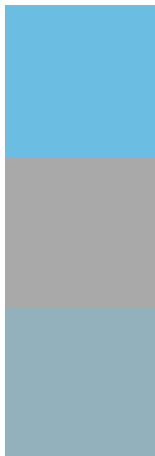
Deuteranomaly

66.6270, -3.4887, -23.6760

Tritanomaly

67.4076, -21.0950, -14.7901

Monochromacy



Original Color

67.3713, -17.0402, -21.4739

Achromatopsia

62.9885, -3.3609, 3.4223

Achromatomaly

64.2101, -10.1731, -5.0672

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.3713, -17.0402, -21.4739 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(107, 190, 225)` looks like.

```
.text, #text, p{  
    color:rgb(107, 190, 225)  
}
```

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(107, 190, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 190, 225) }
```

Border

The CSS property to change the border of an element to HunterLab 67.3713, -17.0402, -21.4739 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(107, 190, 225) }
```


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

```
.border{ border-color:rgb(107, 190, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(107, 190, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 190, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 190, 225);  
box-shadow:4px 4px 4px 4px rgb(107, 190,  
225) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.3713, -17.0402, -21.4739 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 190, 225) }
```

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

```
.background{ background-color: rgb(107,  
190, 225) }
```

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