

Converting Colors

HunterLab(68.5110, -22.4725,
-20.7987)

Have a look what the booklet for
HunterLab(68.5110, -22.4725,
-20.7987) contains.

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Color

**HunterLab(68.5597,
-22.4945, -20.9948)**

Conversions

Conversions Part 1

Format	Color
Hex	56C4E3
RGB	86, 196, 227
RGB Percent	34%, 77%, 89%
CMY	0.6627, 0.2314, 0.1098
CMYK	0.62, 0.14, 0.00, 0.11
HSL	193°, 72%, 61%
HSV	193°, 62%, 89%
XYZ	37.4428, 47.0043, 79.7723
YIQ	166.6440, -75.5110, -13.6790

Conversions

Conversions Part 2

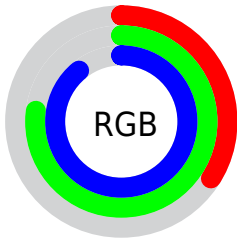
Format	Color
RYB	86, 148, 227
Decimal	5686499
CIELab	74.19, -22.23, -24.79
CIELCh	74, 33.299, 228.124
Yxy	47.0061, 0.2280, 0.2862
Android (android.graphics.Color)	4283876579 (0xFF56C4E3)
YUV	166.6440, 29.7555, -70.7248
Hunter-Lab	68.5597, -22.4945, -20.9948

Details

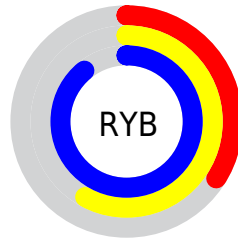
The HunterLab color **68.5597, -22.4945, -20.9948** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light muted cyan. A complement of this color would be **54.5226, 34.6269, 24.6270**, and the grayscale version is **61.9221, -3.3040, 3.3643**.

A 20% lighter version of the original color is **91.5240, -32.6403, -5.4624**, and **47.2489, -18.0107, -20.1770** is the 20% darker color. If you saturate the color by 10%, you get **66.2419, -22.7731, -24.6277**, and if you desaturate by 10%, it is **71.0979, -21.4325, -17.1692**.

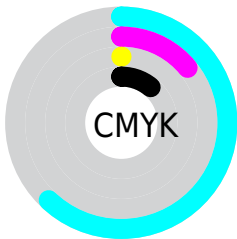
Distribution



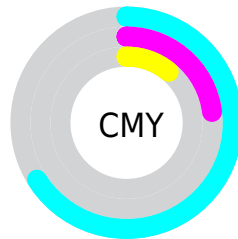
- Red (34%)
- Green (77%)
- Blue (89%)



- Red (34%)
- Yellow (58%)
- Blue (89%)



- Cyan (62%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (66%)
- Magenta (23%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.5597, -22.4945, -20.9948 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 68.5597, -22.4945, -20.9948 by changing the saturation by 10% instead.

68.5597, -22.4945,
-20.9948

68.5597, -22.4945,
-20.9948

193.6075,
-37.7421, -21.8369

57.4808, -20.6994,
-20.6275

92.5865, -25.9822,
-21.5475

47.0717, -18.8538,
-20.2019

105.4715,
-27.6913, -21.7388

37.3800, -16.9392,
-19.7213

118.9043,
-29.3848, -21.8763

28.4634, -14.9273,
-19.2008

132.8634,
-31.0671, -21.9623

20.3962, -12.7726,
-18.6820

147.3297,
-32.7415, -21.9992

13.2796, -10.3937,
-18.2864

162.2860,

6.8137, -11.9239,

-34.4108, -21.9893

-20.3168

177.7166,
-36.0770, -21.9346

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 68.5597, -22.4945,
-20.9948

■ 68.5597, -22.4945,
-20.9948

■ 66.2419, -22.7731,
-24.6277

■ 71.0979, -21.4325,
-17.1692

■ 64.1376, -22.2706,
-28.0497

■ 73.8506, -19.6107,
-13.1822

■ 62.2366, -21.0271,
-31.2513

■ 76.8134, -17.0699,
-9.0617

■ 60.8501, -19.6406,
-33.6590

■ 79.9781, -13.8611,
-4.8357

■ 83.3354, -10.0405,

-0.5296

■ 86.8751, -5.6657,
3.8348

■ 90.5867, -0.7925,
8.2393

■ 93.1430, 0.0484,
11.1347

■ 94.6938, -2.5903,
12.8017

Harmonies

Analogous

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



68.5610, -29.8185, -5.7150



68.5597, -22.4945, -20.9948



68.5610, -9.7051, -30.3299

Triad

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



68.5610, -22.4945, -20.9936



68.5610, 28.1076, -2.3810



68.5610, -12.7141, 25.6279

Complementary

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



68.5597, -22.4945, -20.9948



54.5226, 34.6269, 24.6270

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.



68.5610, 2.5982, 26.1329



68.5597, -22.4945, -20.9948



68.5610, 27.1194, 12.0006

Square

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



68.5610, -22.4945, -20.9936



68.5610, 20.0428, -18.0896



68.5610, 17.4522, 21.7066



68.5610, -24.5279, 20.1278

Rectangle

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



68.5597, -22.4945, -20.9948



68.5610, 0.6132, -30.8037



68.5610, 17.4522, 21.7066



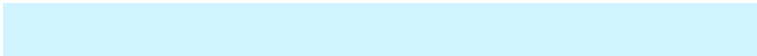
68.5610, -7.8348, 26.3342

Sweetspot

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



68.5610, -22.4945, -20.9936



92.3751, -14.5822, -4.0572



76.2834, -52.7844, 33.1069



42.2367, -7.2962, -2.5277

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.5610, -22.4945, -20.9936



74.7437, -25.8885, -29.4436



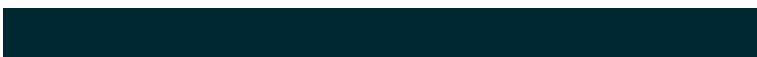
47.3660, 11.9219, -61.5736



39.7120, -4.2103, 0.2932



46.6624, -15.2670, -25.3668



13.1996, -4.8542, -6.0196

Inverse Universe

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



51.9361, 63.6751, -26.5038



54.4980, 84.9807, -33.3824



72.5026, -0.9725, 37.4577



38.1551, 2.7119, -0.3651



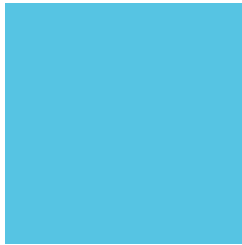
33.7577, 63.3550, -21.1623



9.2497, 17.4810, -6.7410

Previews

White Background



This preview shows how the HunterLab color 68.5597, -22.4945, -20.9948 looks on a white background.

Color Contrast Check

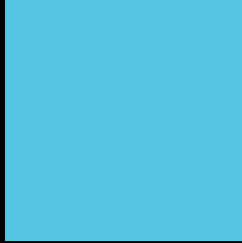
Large Text (above 18pt) WCAG AA × Fail

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 68.5597, -22.4945, -20.9948 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

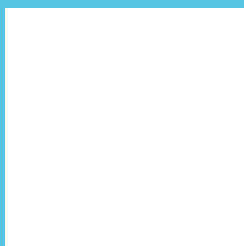
Any Text WCAG AAA ✓ Pass

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

HunterLab 68.5597, -22.4945, -20.9948 Background



This preview shows how black text looks on a background with the HunterLab color 68.5597, -22.4945, -20.9948.



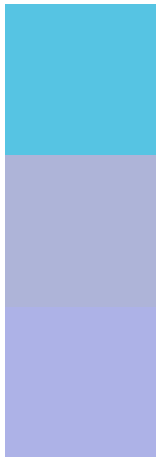
This preview shows how white text looks on a background with the HunterLab color 68.5597, -22.4945, -20.9948.

-22.4945, -20.9948.

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

68.5597, -22.4945, -20.9948

Protanopia

68.2635, 1.2712, -14.3398

Deuteranopia

68.1869, 5.2222, -23.6291



Tritanopia

68.5191, -27.0624, -13.3019

Trichromacy



Original Color

68.5597, -22.4945, -20.9948

Protanomaly

67.8498, -9.2098, -17.5205

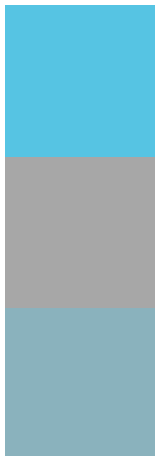
Deuteranomaly

67.8777, -6.7164, -23.6831

Tritanomaly

68.4404, -25.2733, -16.3275

Monochromacy



Original Color

68.5597, -22.4945, -20.9948

Achromatopsia

62.1634, -3.3169, 3.3775

Achromatomaly

63.9673, -12.6379, -5.4287

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.5597, -22.4945, -20.9948 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(86, 196, 227)` looks like.

```
.text, #text, p{  
    color:rgb(86, 196, 227)  
}
```

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(86, 196, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 196, 227) }
```

Border

The CSS property to change the border of an element to HunterLab 68.5597, -22.4945, -20.9948 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(86, 196, 227) }
```


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

```
.border{ border-color:rgb(86, 196, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 196, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 196, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 196, 227);  
box-shadow:4px 4px 4px 4px rgb(86, 196,  
227) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.5597, -22.4945, -20.9948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 196, 227) }
```

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

```
.background{ background-color: rgb(86, 196,  
227) }
```

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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