

Converting Colors

HunterLab(84.0798, -30.4992,
-4.1495)

Have a look what the booklet for
HunterLab(84.0798, -30.4992,
-4.1495) contains.

HunterLab(84.1030, -30.4055, -4.1170)	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(84.1030,
-30.4055, -4.1170)**

Conversions

Conversions Part 1

Format	Color
Hex	89EBEB
RGB	137, 235, 235
RGB Percent	54%, 92%, 92%
CMY	0.4627, 0.0784, 0.0784
CMYK	0.42, 0.00, 0.00, 0.08
HSL	180°, 71%, 73%
HSV	180°, 42%, 92%
XYZ	55.0202, 70.7331, 89.3502
YIQ	205.6980, -58.4080, -20.7760

Conversions

Conversions Part 2

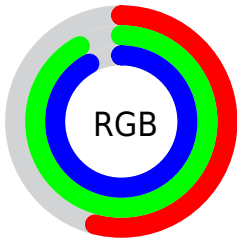
Format	Color
RYB	137, 186, 235
Decimal	9038827
CIELab	87.36, -28.79, -9.04
CIELCh	87, 30.177, 197.440
Yxy	70.7359, 0.2558, 0.3288
Android (android.graphics.Color)	4287228907 (0xFF89EBEB)
YUV	205.6980, 14.4459, -60.2481
Hunter-Lab	84.1030, -30.4055, -4.1170

Details

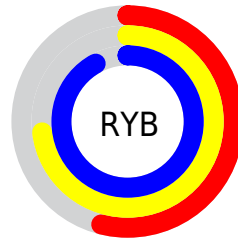
The HunterLab color **84.1030, -30.4055, -4.1170** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **61.1242, 32.4013, 15.2725**, and the grayscale version is **78.3928, -4.1828, 4.2592**.

A 20% lighter version of the original color is **95.0485, -23.0148, -0.8496**, and **60.9567, -26.2006, -4.3792** is the 20% darker color. If you saturate the color by 10%, you get **83.0430, -34.4545, -5.5489**, and if you desaturate by 10%, it is **85.4066, -25.5173, -2.3835**.

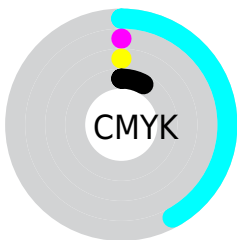
Distribution



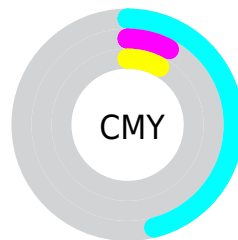
- Red (54%)
- Green (92%)
- Blue (92%)



- Red (54%)
- Yellow (73%)
- Blue (92%)



- Cyan (42%)
- Magenta (0%)
- Yellow (0%)
- Black (8%)



- Cyan (46%)
- Magenta (8%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.1030, -30.4055, -4.1170 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 84.1030, -30.4055, -4.1170 by changing the saturation by 10% instead.

84.1030, -30.4055,
-4.1170

84.1030, -30.4055,
-4.1170

215.2045,
-48.0391, 0.0972

72.1988, -28.3111,
-4.3768

109.6620,
-34.4718, -3.4520

60.9148, -26.1591,
-4.5856

123.2635,
-36.4587, -3.0553

50.2888, -23.9337,
-4.7373

137.3850,
-38.4229, -2.6187

40.3646, -21.6114,
-4.8262

152.0080,
-40.3692, -2.1444

31.1957, -19.1579,
-4.8450

167.1159,
-42.3011, -1.6341

22.8505, -16.5189,
-4.7846

182.6936,

15.4200, -13.6022,

-44.2218, -1.0895

-4.6345

198.7274,
-46.1337, -0.5119

■ 9.0245, -14.3831,
-4.4067

0.0000, NaN, -NF

■ 84.1030, -30.4055,
-4.1170

■ 84.1030, -30.4055,
-4.1170

■ 83.0430, -34.4545,
-5.5489

■ 85.4066, -25.5173,
-2.3835

■ 82.2137, -37.6567,
-6.6816


■ 86.9530, -19.8141,
-0.3608

■ 81.6045, -40.0324,
-7.5215


■ 88.7444, -13.3405,
1.9379


■ 81.1977, -41.6295,
-8.0858

■ 90.7784, -6.1528,
4.4935


 80.9695, -42.5298,
-8.4037


 93.0504, 1.6842,
7.2838

 80.8808, -42.8805,
-8.5273

 93.1007, 1.8555,
7.3446

 93.1007, 1.8556,
7.3443

 93.1007, 1.8557,
7.3440

 93.1008, 1.8558,
7.3438

Harmonies

Analogous

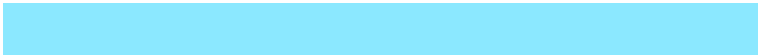
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.1046, -30.9645, 10.3580



84.1030, -30.4055, -4.1170



84.1046, -23.2191, -18.3787

Triad

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



84.1046, -30.4062, -4.1158



84.1046, 17.9491, -16.2965



84.1046, 1.9066, 27.2964

Complementary

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



84.1030, -30.4055, -4.1170



61.1242, 32.4013, 15.2725

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.



84.1046, 16.0319, 22.4664



84.1030, -30.4055, -4.1170



84.1046, 25.7228, -1.6437

Square

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



84.1046, -30.4062, -4.1158



84.1046, 4.3761, -26.2176



84.1046, 24.9973, 12.4327



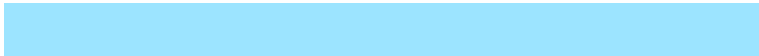
84.1046, -13.0075, 26.8709

Rectangle

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



84.1030, -30.4055, -4.1170



84.1046, -15.3298, -25.0858



84.1046, 24.9973, 12.4327



84.1046, 6.9237, 26.2749

Sweetspot

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



84.1046, -30.4062, -4.1158



97.0803, -15.6468, 1.7670



81.6597, -44.9495, 32.3466



44.7052, -7.9887, 0.5512

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



84.1046, -30.4062, -4.1158



91.2635, -37.2020, -5.8760



68.6504, -7.7632, -25.7170



41.3786, -5.4719, 1.1544



60.3375, -31.9890, -6.3615



16.9079, -8.9640, -1.7827

Inverse Universe

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



61.1242, 32.4013, 15.2725



61.7363, 44.5017, 19.3721



73.4196, 7.6539, 26.2613



38.7996, 1.4108, 3.2746



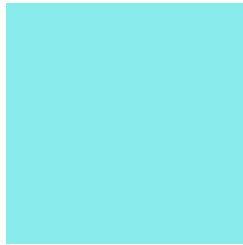
31.3525, 53.6922, 20.2590



8.7857, 15.0458, 5.6768

Previews

White Background



This preview shows how the HunterLab color 84.1030, -30.4055, -4.1170 looks on a white background.

Color Contrast Check

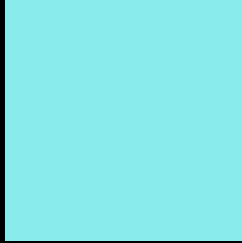
Large Text (above 18pt) WCAG AA × Fail

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 84.1030, -30.4055, -4.1170 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

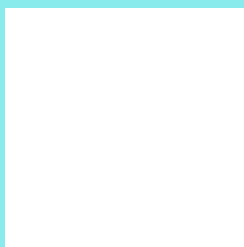
Any Text WCAG AAA ✓ Pass

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

HunterLab 84.1030, -30.4055, -4.1170 Background



This preview shows how black text looks on a background with the HunterLab color 84.1030, -30.4055, -4.1170.



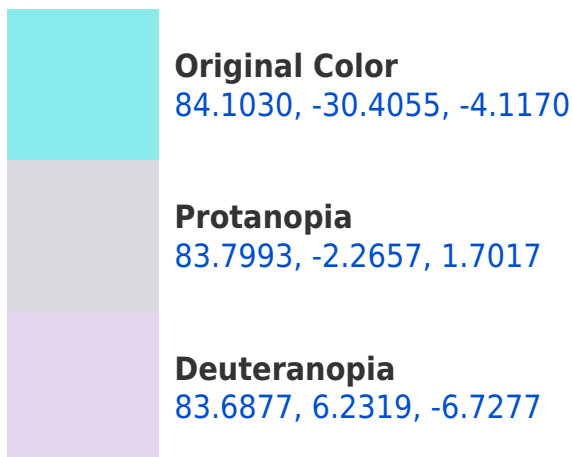
This preview shows how white text looks on a background with the HunterLab color 84.1030, -30.4055, -4.1170.

-30.4055, -4.1170.

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





Tritanopia

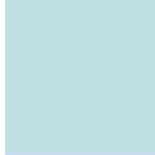
83.9220, -24.7230, -13.1995

Trichromacy



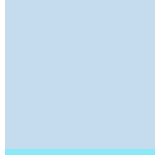
Original Color

84.1030, -30.4055, -4.1170



Protanomaly

83.5822, -14.0858, -0.8099



Deuteranomaly

83.1235, -8.4815, -6.6243



Tritanomaly

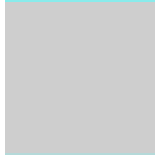
83.9320, -26.8584, -9.7753

Monochromacy



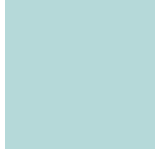
Original Color

84.1030, -30.4055, -4.1170



Achromatopsia

78.5625, -4.1919, 4.2684



Achromatomaly

80.2865, -15.1228, 0.7294

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.1030, -30.4055, -4.1170 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(137, 235, 235)` looks like.

```
.text, #text, p{  
    color:rgb(137, 235, 235)  
}
```

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(137, 235, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 235, 235) }
```

Border

The CSS property to change the border of an element to HunterLab 84.1030, -30.4055, -4.1170 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(137, 235, 235) }
```


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

```
.border{ border-color:rgb(137, 235, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 235, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 235, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 235, 235);  
box-shadow:4px 4px 4px 4px rgb(137, 235,  
235) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.1030, -30.4055, -4.1170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 235, 235) }
```

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

```
.background{ background-color: rgb(137,  
235, 235) }
```

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