

Converting Colors

HunterLab(80.5094, -29.8619,
1.0580)

Have a look what the booklet for
HunterLab(80.5094, -29.8619,
1.0580) contains.

HunterLab(80.4170, -29.9510, 1.1302)	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(80.4170,
-29.9510, 1.1302)**

Conversions

Conversions Part 1

Format	Color
Hex	89E2D8
RGB	137, 226, 216
RGB Percent	54%, 89%, 85%
CMY	0.4627, 0.1137, 0.1529
CMYK	0.39, 0.00, 0.04, 0.11
HSL	173°, 61%, 71%
HSV	173°, 39%, 89%
XYZ	49.9075, 64.6689, 74.8176
YIQ	198.2490, -49.8340, -21.9780

Conversions

Conversions Part 2

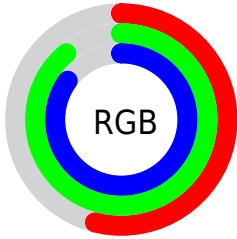
Format	Color
RYB	137, 184, 226
Decimal	9036504
CIELab	84.31, -29.01, -3.53
CIELCh	84, 29.220, 186.943
Yxy	64.6715, 0.2635, 0.3415
Android (android.graphics.Color)	4287226584 (0xFF89E2D8)
YUV	198.2490, 8.7512, -53.7154
Hunter-Lab	80.4170, -29.9510, 1.1302

Details

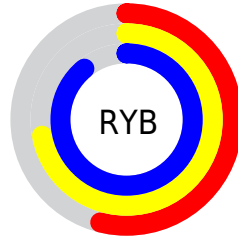
The HunterLab color **80.4170, -29.9510, 1.1302** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **60.1402, 30.0341, 10.3680**, and the grayscale version is **75.2339, -4.0143, 4.0876**.

A 20% lighter version of the original color is **94.9786, -23.2711, -0.9405**, and **57.5083, -25.5216, 0.2266** is the 20% darker color. If you saturate the color by 10%, you get **79.2635, -34.5380, 0.9191**, and if you desaturate by 10%, it is **81.8035, -24.5798, 1.6321**.

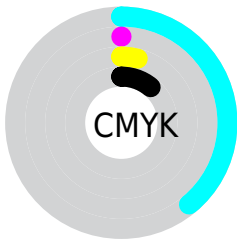
Distribution



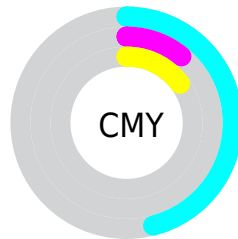
- Red (54%)
- Green (89%)
- Blue (85%)



- Red (54%)
- Yellow (72%)
- Blue (89%)



- Cyan (39%)
- Magenta (0%)
- Yellow (4%)
- Black (11%)



- Cyan (46%)
- Magenta (11%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 80.4170, -29.9510, 1.1302 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 80.4170, -29.9510, 1.1302 by changing the saturation by 10% instead.

80.4170, -29.9510,
1.1302

80.4170, -29.9510,
1.1302

210.1453,
-47.7218, 7.0104

68.6984, -27.8291,
0.6525

105.6302,
-34.0614, 2.2067

57.6105, -25.6442,
0.2167

119.0695,
-36.0662, 2.7987

47.1930, -23.3786,
-0.1724

133.0348,
-38.0464, 3.4245

37.4923, -21.0060,
-0.5102

147.5071,
-40.0069, 4.0824

28.5659, -18.4866,
-0.7906

162.4692,
-41.9517, 4.7711

20.4880, -15.7568,
-1.0053

177.9054,

13.3592, -12.7147,

-43.8840, 5.4894

-1.1421

193.8018,
-45.8066, 6.2361

■ 6.9109, -12.0941,
-1.7424

0.0000, NaN, NaN

■ 80.4170, -29.9510,
1.1302

■ 80.4170, -29.9510,
1.1302

■ 79.2635, -34.5380,
0.9191

■ 81.8035, -24.5798,
1.6321

■ 78.3322, -38.3212,
0.9895

■ 83.4204, -18.4577,
2.4205

■ 77.6147, -41.3070,
1.3289

■ 85.2687, -11.6356,
3.4900

■ 77.0963, -43.5276,
1.9158

■ 87.3451, -4.1733,
4.8288

■ 76.7563, -45.0468,
2.7195

■ 89.6440, 3.8634,
6.4219

■ 76.5570, -46.0047,
3.6873

■ 90.2431, 6.0411,
5.9252

■ 76.5463, -46.0576,
3.7489

■ 90.3232, 6.4705,
4.7810

■ 90.4045, 6.9053,
3.6224

■ 90.4869, 7.3456,
2.4493

Harmonies

Analogous

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



80.4186, -28.1961, 14.0157



80.4170, -29.9510, 1.1302



80.4186, -25.2296, -13.0969

Triad

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



80.4186, -29.9518, 1.1313



80.4186, 13.0134, -19.6196



80.4186, 6.8270, 25.0193

Complementary

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



80.4170, -29.9510, 1.1302



60.1402, 30.0341, 10.3680

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.



80.4186, 19.0271, 18.6402



80.4170, -29.9510, 1.1302



80.4186, 22.7706, -6.6246

Square

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



80.4186, -29.9518, 1.1313



80.4186, -0.9242, -26.3671



80.4186, 25.0451, 7.4936



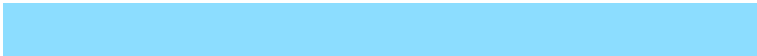
80.4186, -7.6116, 26.3613

Rectangle

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



80.4170, -29.9510, 1.1302



80.4186, -18.8338, -20.9457



80.4186, 25.0451, 7.4936



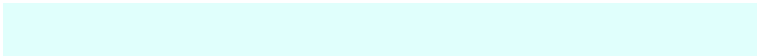
80.4186, 11.3556, 23.4553

Sweetspot

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



80.4186, -29.9518, 1.1313



97.1760, -15.5296, 3.6396



79.0190, -39.3070, 30.2441



44.8265, -7.6685, 1.6061

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



80.4186, -29.9518, 1.1313



91.1405, -38.5922, 1.0773



69.6129, -11.8963, -18.5974



39.4264, -5.4007, 1.6105



57.8250, -34.7292, 2.6942



15.2491, -8.9919, 0.3510

Inverse Universe

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



60.1402, 30.0341, 10.3680



63.8652, 42.8509, 13.8544



68.6636, 11.0330, 22.0662



37.0479, 1.5092, 2.6376



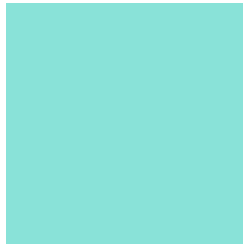
30.4532, 52.3153, 18.4129



8.0704, 13.9686, 4.0687

Previews

White Background



This preview shows how the HunterLab color 80.4170, -29.9510, 1.1302 looks on a white background.

Color Contrast Check

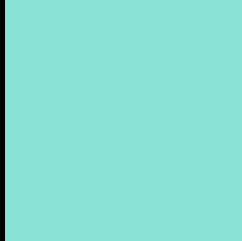
Large Text (above 18pt) WCAG AA × Fail

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 80.4170, -29.9510, 1.1302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

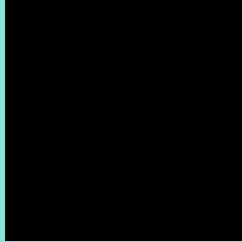
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

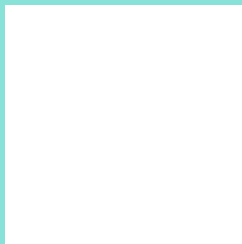
Any Text WCAG AAA ✓ Pass

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

HunterLab 80.4170, -29.9510, 1.1302 Background



This preview shows how black text looks on a background with the HunterLab color 80.4170, -29.9510, 1.1302.



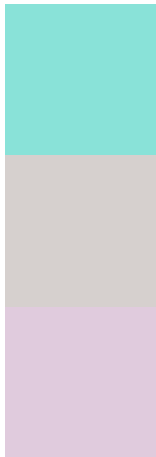
This preview shows how white text looks on a background with the HunterLab color 80.4170,

-29.9510, 1.1302.

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

80.4170, -29.9510, 1.1302

Protanopia

79.9150, -2.6443, 5.8748

Deuteranopia

79.8621, 5.8526, -1.4722



Tritanopia

80.2331, -22.1011, -11.8671

Trichromacy



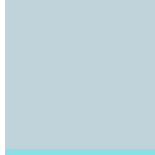
Original Color

80.4170, -29.9510, 1.1302



Protanomaly

79.8080, -14.0040, 3.6350



Deuteranomaly

79.3155, -8.6808, -1.3754



Tritanomaly

80.1296, -24.8441, -6.9988

Monochromacy



Original Color

80.4170, -29.9510, 1.1302



Achromatopsia

75.1473, -4.0097, 4.0829



Achromatomaly

76.6483, -14.2474, 2.3035

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 80.4170, -29.9510, 1.1302 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, 226, 216)` looks like.

```
.text, #text, p{  
    color:rgb(137, 226, 216)  
}
```

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, 226, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 226, 216) }
```

Border

The CSS property to change the border of an element to HunterLab 80.4170, -29.9510, 1.1302 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, 226, 216) }
```


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

```
.border{ border-color:rgb(137, 226, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 226, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 226, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 226, 216);  
box-shadow:4px 4px 4px 4px rgb(137, 226,  
216) }
```

Background

The CSS property to change the background color of an element to HunterLab 80.4170, -29.9510, 1.1302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 226, 216) }
```

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

```
.background{ background-color: rgb(137,  
226, 216) }
```

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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