

Converting Colors

HunterLab(13.1662, -2.7558,
2.7796)

Have a look what the booklet for
HunterLab(13.1662, -2.7558, 2.7796)
contains.

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Color

**HunterLab(13.1108, -2.8075,
2.7730)**

Conversions

Conversions Part 1

Format	Color
Hex	20251D
RGB	32, 37, 29
RGB Percent	13%, 15%, 11%
CMY	0.8745, 0.8549, 0.8863
CMYK	0.14, 0.00, 0.22, 0.85
HSL	98°, 12%, 13%
HSV	98°, 22%, 15%
XYZ	1.4790, 1.7189, 1.4162
YIQ	34.5930, -0.4120, -3.5480

Conversions

Conversions Part 2

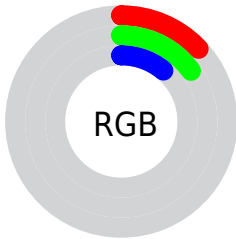
Format	Color
RYB	29, 37, 34
Decimal	2106653
CIELab	13.94, -4.21, 4.58
CIELCh	14, 6.223, 132.592
Yxy	1.7190, 0.3205, 0.3725
Android (android.graphics.Color)	4280296733 (0xFF20251D)
YUV	34.5930, -2.7573, -2.2741
Hunter-Lab	13.1108, -2.8075, 2.7730

Details

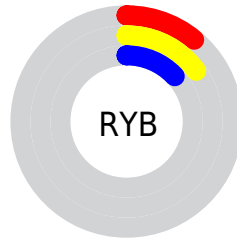
The HunterLab color **13.1108, -2.8075, 2.7730** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **11.6294, 1.6444, -1.7290**, and the grayscale version is **12.8441, -0.6853, 0.6978**.

A 20% lighter version of the original color is **28.3531, -4.4942, 4.5719**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.9075, -3.6881, 3.5859**, and if you desaturate by 10%, it is **13.3296, -1.8739, 1.8782**.

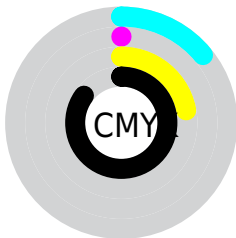
Distribution



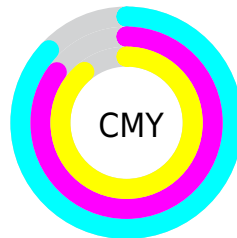
- Red (13%)
- Green (15%)
- Blue (11%)



- Red (11%)
- Yellow (15%)
- Blue (13%)



- Cyan (14%)
- Magenta (0%)
- Yellow (22%)
- Black (85%)



- Cyan (87%)
- Magenta (85%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.1108, -2.8075, 2.7730 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 13.1108, -2.8075, 2.7730 by changing the saturation by 10% instead.

■ 13.1108, -2.8075,
2.7730

■ 13.1108, -2.8075,
2.7730

105.1347, -9.9390,
10.1343

■ 6.6024, -3.1320,
3.2355

■ 28.2458, -4.2667,
4.2960

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 37.1417, -5.0153,
5.0712

0.0000, NaN, NaN

■ 46.8144, -5.7828,
5.8635

0.0000, NaN, NaN

■ 57.2058, -6.5708,
6.6753

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.2692, -7.3802,
7.5079

0.0000, NaN, NaN

■ 79.9662, -8.2114,

0.0000, NaN, NaN

8.3617

■ 92.2640, -9.0643,
9.2372

■ 13.1108, -2.8075,
2.7730

■ 13.1108, -2.8075,
2.7730

■ 12.9075, -3.6881,
3.5859

■ 13.3296, -1.8739,
1.8782

■ 12.7191, -4.5115,
4.3137

■ 13.5627, -0.8899,
0.9043

■ 12.5460, -5.2748,
4.9542

■ 13.8103, 0.1404,
-0.1449

■ 12.3882, -5.9755,
5.5063

■ 14.0718, 1.2135,
-1.2653

■ 12.2457, -6.6113,
5.9696

■ 14.3471, 2.3256,
-2.4528

■ 12.1157, -7.1968,
6.3841

■ 14.6355, 3.4732,
-3.7032

■ 11.9938, -7.7574,
6.8147

■ 14.9369, 4.6530,
-5.0124

■ 11.8978, -8.2073,
7.1877

■ 15.2506, 5.8618,
-6.3763

■ 15.5763, 7.0965,
-7.7909

Harmonies

Analogous

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



13.1111, -1.3945, 3.3635



13.1108, -2.8075, 2.7730



13.1111, -3.6317, 1.5968

Triad

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



13.1111, -2.8078, 2.7732



13.1111, -1.6492, -2.5562



13.1111, 2.5904, 1.3636

Complementary

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



13.1108, -2.8075, 2.7730



11.6294, 1.6444, -1.7290

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.



13.1111, 2.5137, -0.2356



13.1108, -2.8075, 2.7730



13.1111, 0.0087, -2.6391

Square

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



13.1111, -2.8078, 2.7732



13.1111, -2.9862, -1.5317



13.1111, 1.5494, -1.7458



13.1111, 1.7538, 2.6209

Rectangle

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



13.1108, -2.8075, 2.7730



13.1111, -3.7626, 0.5745



13.1111, 1.5494, -1.7458



13.1111, 2.6717, 0.8514

Sweetspot

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



13.1111, -2.8078, 2.7732



17.1471, -1.7437, 1.7604



12.7371, -0.4992, 2.4288



9.9022, -0.9929, 1.0027



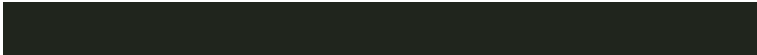
56.4399, -3.0115, 3.0665



10.0114, -0.5342, 0.5439

Same Dimension

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



13.1111, -2.8078, 2.7732



16.5533, -4.2822, 4.1890



12.9531, -3.3502, 2.3210



7.6296, -0.8505, 0.8571



25.0190, -18.5253, 15.0923



68.7654, -52.8488, 41.4477

Inverse Universe

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



11.6294, 1.6444, -1.7290



14.1402, 2.9796, -3.1649



11.8317, 2.2541, -1.0611



7.3249, 0.0635, -0.0656



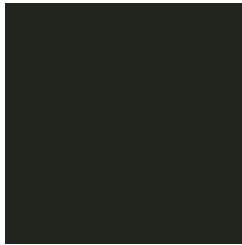
11.4325, 24.8538, -33.5065



30.6748, 67.5545, -96.6344

Previews

White Background



This preview shows how the HunterLab color 13.1108, -2.8075, 2.7730 looks on a white background.

Color Contrast Check

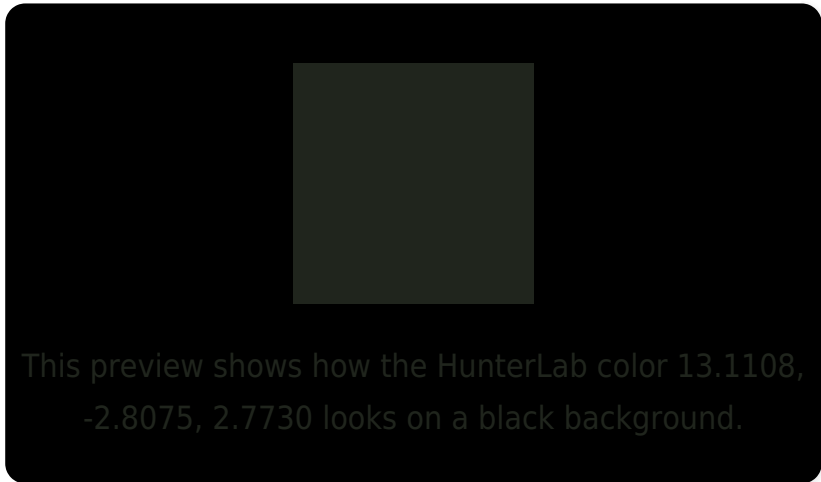
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

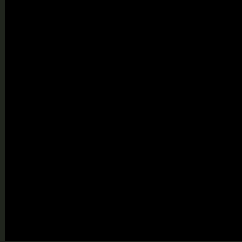
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

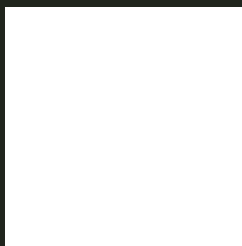
Any Text WCAG AAA × Fail

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

HunterLab 13.1108, -2.8075, 2.7730 Background



This preview shows how black text looks on a background with the HunterLab color 13.1108, -2.8075, 2.7730.



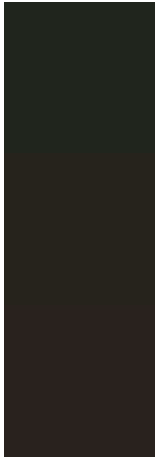
This preview shows how white text looks on a background with the HunterLab color 13.1108, -2.8075,

2.7730.

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

13.1108, -2.8075, 2.7730

Protanopia

13.0306, -0.7496, 3.0176

Deuteranopia

13.0737, 0.6161, 2.4963



Tritanopia

13.1589, -0.9948, -0.5574

Trichromacy



Original Color

13.1108, -2.8075, 2.7730

Protanomaly

13.1174, -1.6179, 3.0889

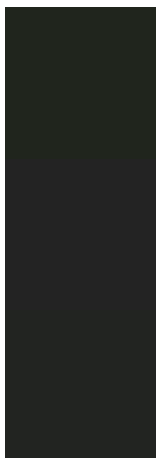
Deuteranomaly

13.0686, -0.5420, 2.4707

Tritanomaly

13.0631, -1.5240, 0.8056

Monochromacy



Original Color

13.1108, -2.8075, 2.7730

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

13.0830, -1.5417, 1.5141

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.1108, -2.8075, 2.7730 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(32, 37, 29)` looks like.

```
.text, #text, p{  
    color:rgb(32, 37, 29)  
}
```

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(32, 37, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 37, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 13.1108, -2.8075, 2.7730 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(32, 37, 29) }
```


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

```
.border{ border-color:rgb(32, 37, 29) }
```

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

Here you see how a box with a 4 pixel rgb(32, 37, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 37, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 37, 29);  
box-shadow:4px 4px 4px 4px rgb(32, 37, 29)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.1108, -2.8075, 2.7730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 37, 29) }
```

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

```
.background{ background-color: rgb(32, 37,  
29) }
```

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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