

Converting Colors

HunterLab(68.0769, 7.3227,
29.6235)

Have a look what the booklet for
HunterLab(68.0769, 7.3227,
29.6235) contains.

HunterLab(68.1433, 7.0077, 29.7681)	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(68.1433, 7.0077,
29.7681)**

Conversions

Conversions Part 1

Format	Color
Hex	E0AC6C
RGB	224, 172, 108
RGB Percent	88%, 67%, 42%
CMY	0.1216, 0.3255, 0.5765
CMYK	0.00, 0.23, 0.52, 0.12
HSL	33°, 65%, 65%
HSV	33°, 52%, 88%
XYZ	48.1998, 46.4351, 20.6099
YIQ	180.2520, 51.5360, -8.8800

Conversions

Conversions Part 2

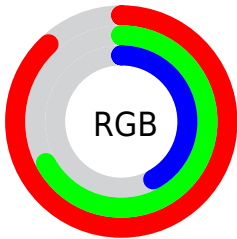
Format	Color
R_{YB}	202, 224, 108
Decimal	14724204
CIE _{Lab}	73.83, 11.54, 40.04
CIE _{LCh}	74, 41.670, 73.929
Yxy	46.4373, 0.4182, 0.4029
Android (android.graphics.Color)	4292914284 (0xFFE0AC6C)
YUV	180.2520, -35.6202, 38.3670
Hunter-Lab	68.1433, 7.0077, 29.7681

Details

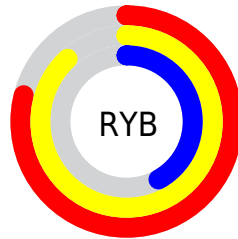
The HunterLab color **68.1433, 7.0077, 29.7681** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **58.0606, -2.5827, -36.2827**, and the grayscale version is **67.7938, -3.6173, 3.6834**.

A 20% lighter version of the original color is **88.7532, -4.1928, 32.0911**, and **46.7501, 6.8903, 23.6803** is the 20% darker color. If you saturate the color by 10%, you get **65.0702, 10.4442, 32.3331**, and if you desaturate by 10%, it is **71.3755, 3.9724, 26.3899**.

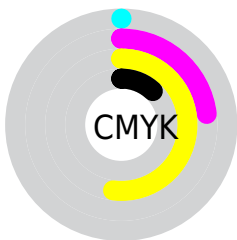
Distribution



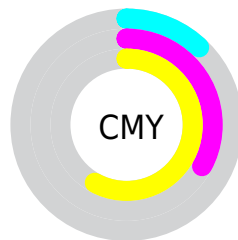
- Red (88%)
- Green (67%)
- Blue (42%)



- Red (79%)
- Yellow (88%)
- Blue (42%)



- Cyan (0%)
- Magenta (23%)
- Yellow (52%)
- Black (12%)



- Cyan (12%)
- Magenta (33%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.1433, 7.0077, 29.7681 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 68.1433, 7.0077, 29.7681 by changing the saturation by 10% instead.

68.1433, 7.0077,
29.7681

68.1433, 7.0077,
29.7681

193.0192, 4.5300,
52.8174

57.0886, 7.0224,
26.8228

92.1266, 6.7862,
35.3276

46.7048, 6.9699,
23.7297

104.9912, 6.5958,
37.9793

37.0403, 6.8377,
20.4518

118.4044, 6.3567,
40.5650

28.1533, 6.6133,
16.9410

132.3446, 6.0722,
43.0955

20.1188, 6.2789,
13.8685

146.7927, 5.7450,
45.5794

13.0394, 5.8084,
9.1276

161.7313, 5.3776,

6.5102, 7.3734,

48.0239

4.5572

177.1449, 4.9720,
50.4349

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.1433, 7.0077,
29.7681

■ 68.1433, 7.0077,
29.7681

■ 65.0702, 10.4442,
32.3331

■ 71.3755, 3.9724,
26.3899

■ 62.1616, 14.2900,
34.0401

■ 74.7516, 1.3376,
22.2494

■ 59.4287, 18.5257,
34.8691

■ 78.2631, -0.9159,
17.4052

■ 56.8794, 23.1124,
34.8388


■ 81.9005, -2.8087,
11.9149


■ 54.9195, 27.0659,


■ 85.6550, -4.3631,


34.3150

5.8341

 89.5183, -5.6024,
-0.7852

 93.1362, -8.4599,
-2.9848

 96.3820, -13.6478,
0.9526

 97.2560, -15.0173,
1.9902

Harmonies

Analogous

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



68.1449, 25.3812, 24.0317



68.1433, 7.0077, 29.7681



68.1449, -12.3942, 29.9572

Triad

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



68.1449, 7.0047, 29.7689



68.1449, -36.2169, -5.4037



68.1449, 24.2384, -27.1396

Complementary

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



68.1433, 7.0077, 29.7681



58.0606, -2.5827, -36.2827

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.



68.1449, 5.5804, -40.5388



68.1433, 7.0077, 29.7681



68.1449, -28.4932, -25.8096

Square

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



68.1449, 7.0047, 29.7689



68.1449, -35.9269, 12.8253



68.1449, -13.6684, -39.9933



68.1449, 36.0662, -6.8710

Rectangle

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



68.1433, 7.0077, 29.7681



68.1449, -23.2480, 27.0841



68.1449, -13.6684, -39.9933



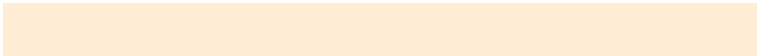
68.1449, 18.4717, -32.8201

Sweetspot

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



68.1449, 7.0047, 29.7689



93.0199, -2.3534, 16.6421



53.9610, 46.0431, -2.5869



42.6316, -0.8772, 8.3071

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.1449, 7.0047, 29.7689



75.1386, 12.3778, 37.6122



83.2648, -20.6553, 40.8430



38.6628, -1.4956, 4.9250



42.1772, 20.0404, 26.3402



11.8788, 3.6471, 7.3835

Inverse Universe

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



58.0606, -2.5827, -36.2827



61.3797, -0.0216, -53.5654



44.3526, 25.9391, -66.4874



37.7489, -2.4355, -0.9504



29.5048, 12.6034, -64.0856



8.8328, 1.2019, -13.6348

Previews

White Background



This preview shows how the HunterLab color 68.1433, 7.0077, 29.7681 looks on a white background.

Color Contrast Check

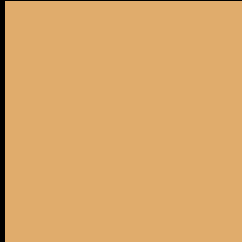
Large Text (above 18pt) WCAG AA × Fail

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 68.1433, 7.0077, 29.7681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

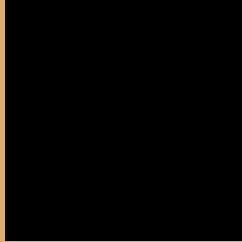
Any Text WCAG AA ✓ Pass

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 68.1433, 7.0077, 29.7681 Background



This preview shows how black text looks on a background with the HunterLab color 68.1433, 7.0077, 29.7681.



This preview shows how white text looks on a background with the HunterLab color 68.1433, 7.0077,

29.7681.

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

68.1433, 7.0077, 29.7681

Protanopia

68.2873, -7.2561, 28.6418

Deuteranopia

68.0750, 5.3381, 29.6844



Tritanopia

68.1971, 21.3279, 6.6865

Trichromacy



Original Color

68.1433, 7.0077, 29.7681

Protanomaly

68.0102, -2.1658, 28.7590

Deuteranomaly

68.1905, 5.7245, 29.7833

Tritanomaly

68.0924, 15.5789, 16.7376

Monochromacy



Original Color

68.1433, 7.0077, 29.7681

Achromatopsia

67.5582, -3.6047, 3.6706

Achromatomaly

67.4634, -0.7961, 14.6887

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.1433, 7.0077, 29.7681 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(224, 172, 108)` looks like.

```
.text, #text, p{  
    color:rgb(224, 172, 108)  
}
```

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(224, 172, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 172, 108) }
```

Border

The CSS property to change the border of an element to HunterLab 68.1433, 7.0077, 29.7681 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(224, 172, 108) }
```


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

```
.border{ border-color:rgb(224, 172, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 172, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 172, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 172, 108);  
box-shadow:4px 4px 4px 4px rgb(224, 172,  
108) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.1433, 7.0077, 29.7681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 172, 108) }
```

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

```
.background{ background-color: rgb(224,  
172, 108) }
```

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