

Converting Colors

HunterLab(17.4842, -11.5484,
8.7968)

Have a look what the booklet for
HunterLab(17.4842, -11.5484,
8.7968) contains.

HunterLab(17.4670, -11.4706, 8.7622)	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(17.4670,
-11.4706, 8.7622)**

Conversions

Conversions Part 1

Format	Color
Hex	173811
RGB	23, 56, 17
RGB Percent	9%, 22%, 7%
CMY	0.9098, 0.7804, 0.9333
CMYK	0.59, 0.00, 0.70, 0.78
HSL	111°, 53%, 14%
HSV	111°, 70%, 22%
XYZ	1.8687, 3.0510, 1.0207
YIQ	41.6870, -7.1490, -19.1250

Conversions

Conversions Part 2

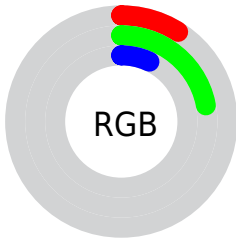
Format	Color
R_{YB}	17, 56, 50
Decimal	1521681
CIE _{Lab}	20.25, -21.29, 20.32
CIE _{LCh}	20, 29.432, 136.327
Yxy	3.0511, 0.3146, 0.5136
Android (android.graphics.Color)	4279711761 (0xFF173811)
YUV	41.6870, -12.1707, -16.3885
Hunter-Lab	17.4670, -11.4706, 8.7622

Details

The HunterLab color **17.4670, -11.4706, 8.7622** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **11.6817, 13.6289, -11.5531**, and the grayscale version is **15.1546, -0.8086, 0.8234**.

A 20% lighter version of the original color is **33.6742, -15.3661, 12.7076**, and **2.0837, -1.7867, 1.2527** is the 20% darker color. If you saturate the color by 10%, you get **17.2763, -12.3450, 9.3006**, and if you desaturate by 10%, it is **17.6973, -10.4276, 8.0764**.

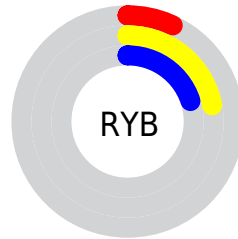
Distribution



Red (9%)

Green (22%)

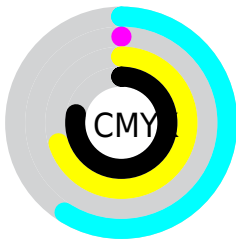
Blue (7%)



Red (7%)

Yellow (22%)

Blue (20%)

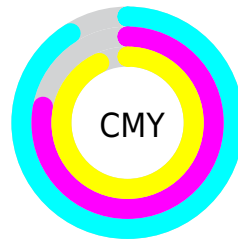


Cyan (59%)

Magenta (0%)

Yellow (70%)

Black (78%)



Cyan (91%)

Magenta (78%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.4670, -11.4706, 8.7622 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 17.4670, -11.4706, 8.7622 by changing the saturation by 10% instead.

■ 17.4670, -11.4706,
8.7622

■ 17.4670, -11.4706,
8.7622

■ 113.5394,
-27.7983, 24.8543

■ 10.7632, -9.5719,
7.5342

■ 33.7650, -15.6070,
12.8709

■ 1.6548, -2.8959,
1.1584

■ 43.1584, -17.4909,
14.7326

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.2905, -19.3017,
16.5170

0.0000, NaN, NaN

■ 64.1109, -21.0601,
18.2460

0.0000, NaN, NaN

■ 75.5781, -22.7802,
19.9348

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.6577, -24.4719,

21.5941

0.0000, NaN, NaN

■ 100.3200,
-26.1427, 23.2320

■ 17.4670, -11.4706,
8.7622

■ 17.4670, -11.4706,
8.7622

■ 17.2763, -12.3450,
9.3006

■ 17.6973, -10.4276,
8.0764

■ 17.1195, -13.0699,
9.7432

■ 17.9667, -9.2187,
7.2425

■ 16.9870, -13.6995,
10.2074

■ 18.2760, -7.8507,
6.2632

■ 16.9825, -13.7212,
10.2243

■ 18.6250, -6.3327,
5.1439

■ 19.0132, -4.6754,
3.8918

■ 19.4398, -2.8907,
2.5157

■ 19.9039, -0.9912,
1.0252

■ 20.4042, 1.0106,
-0.5695

■ 20.9395, 3.1025,
-2.2583

Harmonies

Analogous

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



17.4674, -5.3961, 10.6456



17.4670, -11.4706, 8.7622



17.4674, -14.4091, 4.3130

Triad

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



17.4674, -11.4709, 8.7623



17.4674, -4.7181, -22.6934



17.4674, 18.2199, 4.8627

Complementary

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



17.4670, -11.4706, 8.7622



11.6817, 13.6289, -11.5531

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.



17.4674, 18.5004, -3.2498



17.4670, -11.4706, 8.7622



17.4674, 4.0289, -22.2892

Square

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



17.4674, -11.4709, 8.7623



17.4674, -11.0587, -14.9433



17.4674, 12.9060, -14.0161



17.4674, 12.2016, 8.9947

Rectangle

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



17.4670, -11.4706, 8.7622



17.4674, -14.6565, -0.8977



17.4674, 12.9060, -14.0161



17.4674, 19.0237, 2.6170

Sweetspot

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



17.4674, -11.4709, 8.7623



24.8731, -6.6939, 5.5334



17.6636, -2.0952, 9.0674



13.2960, -3.6794, 3.0351



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



17.4674, -11.4709, 8.7623



22.5404, -17.0481, 12.6900



17.4396, -11.2791, 6.3726



10.5807, -1.4375, 1.2629



27.7741, -22.9434, 16.7126



71.5229, -60.1251, 43.0195

Inverse Universe

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



11.6817, 13.6289, -11.5531



13.6232, 22.0702, -19.3764



11.9002, 13.1864, -3.8238



10.1558, 0.3593, -0.1679



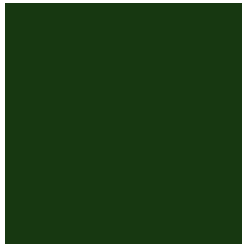
15.4123, 31.3848, -28.7284



39.3894, 80.4797, -75.5086

Previews

White Background



This preview shows how the HunterLab color 17.4670, -11.4706, 8.7622 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

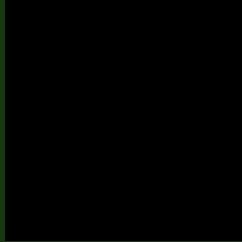
Any Text WCAG AA × Fail

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 17.4670, -11.4706, 8.7622 Background



This preview shows how black text looks on a background with the HunterLab color 17.4670, -11.4706, 8.7622.



This preview shows how white text looks on a background with the HunterLab color 17.4670,

-11.4706, 8.7622.

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

17.4670, -11.4706, 8.7622

Protanopia

17.4452, -2.2877, 9.1736

Deuteranopia

17.5375, 0.5285, 8.5783



Tritanopia

17.4433, -4.6198, -2.4896

Trichromacy



Original Color

17.4670, -11.4706, 8.7622

Protanomaly

17.3407, -6.4876, 8.8956

Deuteranomaly

17.1247, -4.6345, 8.3380

Tritanomaly

17.2054, -7.5973, 2.9204

Monochromacy



Original Color

17.4670, -11.4706, 8.7622

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

15.8119, -5.2716, 4.2557

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.4670, -11.4706, 8.7622 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(23, 56, 17)` looks like.

```
.text, #text, p{  
    color:rgb(23, 56, 17)  
}
```

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(23, 56, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 56, 17) }
```

Border

The CSS property to change the border of an element to HunterLab 17.4670, -11.4706, 8.7622 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(23, 56, 17) }
```


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

```
.border{ border-color:rgb(23, 56, 17) }
```

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

Here you see how a box with a 4 pixel rgb(23, 56, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 56, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 56, 17);  
box-shadow:4px 4px 4px 4px rgb(23, 56, 17)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.4670, -11.4706, 8.7622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 56, 17) }
```

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

```
.background{ background-color: rgb(23, 56,  
17) }
```

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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