

Converting Colors

HunterLab(17.7258, -11.2664,
8.0718)

Have a look what the booklet for
HunterLab(17.7258, -11.2664,
8.0718) contains.

HunterLab(17.8053, -11.3984, 8.0727)	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(17.8053,
-11.3984, 8.0727)**

Conversions

Conversions Part 1

Format	Color
Hex	173917
RGB	23, 57, 23
RGB Percent	9%, 22%, 9%
CMY	0.9098, 0.7765, 0.9098
CMYK	0.60, 0.00, 0.60, 0.78
HSL	120°, 43%, 16%
HSV	120°, 60%, 22%
XYZ	1.9711, 3.1703, 1.3187
YIQ	42.9580, -9.3500, -17.7820

Conversions

Conversions Part 2

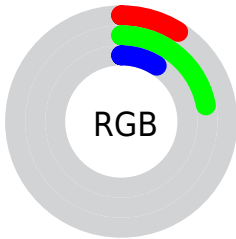
Format	Color
R_{YB}	23, 57, 57
Decimal	1521943
CIE _{Lab}	20.71, -20.88, 17.37
CIE _{LCh}	21, 27.158, 140.238
Y _{xy}	3.1704, 0.3051, 0.4907
Android (android.graphics.Color)	4279712023 (0xFF173917)
YUV	42.9580, -9.8393, -17.5032
Hunter-Lab	17.8053, -11.3984, 8.0727

Details

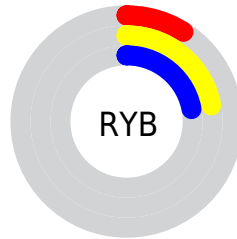
The HunterLab color **17.8053, -11.3984, 8.0727** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **13.3346, 13.2404, -8.7631**, and the grayscale version is **15.5627, -0.8304, 0.8456**.

A 20% lighter version of the original color is **34.0705, -15.1471, 11.4880**, and **3.2946, -2.8251, 1.9806** is the 20% darker color. If you saturate the color by 10%, you get **17.5777, -12.4486, 8.7827**, and if you desaturate by 10%, it is **18.0845, -10.1350, 7.2185**.

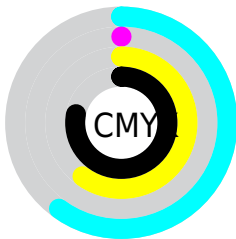
Distribution



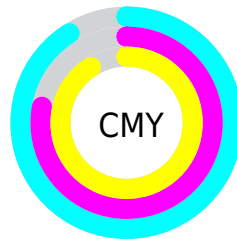
- Red (9%)
- Green (22%)
- Blue (9%)



- Red (9%)
- Yellow (22%)
- Blue (22%)



- Cyan (60%)
- Magenta (0%)
- Yellow (60%)
- Black (78%)



- Cyan (91%)
- Magenta (78%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.8053, -11.3984, 8.0727 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 17.8053, -11.3984, 8.0727 by changing the saturation by 10% instead.

■ 17.8053, -11.3984,
8.0727

■ 17.8053, -11.3984,
8.0727

■ 114.1693,
-27.4706, 22.4337

■ 11.0514, -9.3627,
7.3226

■ 34.1859, -15.4523,
11.6564

■ 2.8112, -4.9197,
1.9679

■ 43.6151, -17.3039,
13.3006

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.7804, -19.0861,
14.8882

0.0000, NaN, NaN

■ 64.6318, -20.8186,
16.4366

0.0000, NaN, NaN

■ 76.1283, -22.5148,
17.9580

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 88.2357, -24.1844,


19.4607


0.0000, NaN, NaN


 100.9245,
-25.8345, 20.9510


 17.8053, -11.3984,
8.0727


 17.8053, -11.3984,
8.0727


 17.5777, -12.4486,
8.7827


 18.0845, -10.1350,
7.2185


 17.3991, -13.2825,
9.3466


 18.4151, -8.6650,
6.2248


 17.2551, -13.9617,
9.8058

 18.7974, -7.0007,
5.0999

 17.1118, -14.6448,
10.2678

 19.2310, -5.1571,
3.8540

 17.1067, -14.6689,
10.2841

 19.7148, -3.1514,
2.4989

■ 20.2474, -1.0018,
1.0467

■ 20.8271, 1.2736,
-0.4902

■ 21.4518, 3.6572,
-2.0998

■ 22.1195, 6.1325,
-3.7710

Harmonies

Analogous

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



17.8057, -6.0180, 10.0818



17.8053, -11.3984, 8.0727



17.8057, -13.8323, 3.2997

Triad

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



17.8057, -11.3987, 8.0728



17.8057, -3.5120, -20.6452



17.8057, 16.1172, 5.3651

Complementary

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



17.8053, -11.3984, 8.0727



13.3346, 13.2404, -8.7631

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.



17.8057, 17.1149, -1.7262



17.8053, -11.3984, 8.0727



17.8057, 4.7547, -19.2499

Square

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



17.8057, -11.3987, 8.0728



17.8057, -9.8466, -14.5668



17.8057, 12.6510, -11.3277



17.8057, 10.1282, 9.0037

Rectangle

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



17.8053, -11.3984, 8.0727



17.8057, -13.8168, -1.8660



17.8057, 12.6510, -11.3277



17.8057, 17.0842, 3.4034

Sweetspot

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



17.8057, -11.3987, 8.0728



24.9091, -6.4679, 4.8479



19.6422, -4.3369, 9.5806



13.2993, -3.6243, 2.7047



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.



17.8057, -11.3987, 8.0728



22.5836, -16.7486, 11.7972



18.0603, -9.8661, 4.3654



10.5543, -1.5315, 1.2319



27.6038, -23.6702, 16.5948



71.2880, -61.1294, 42.8570

Inverse Universe

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



13.3346, 13.2404, -8.7631



15.7263, 21.4818, -14.3241



12.7903, 10.7881, -1.2360



10.1855, 0.4600, -0.1290



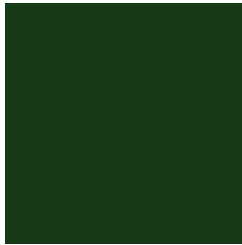
17.4189, 34.2460, -22.9731



44.9851, 88.4418, -59.3287

Previews

White Background



This preview shows how the HunterLab color 17.8053, -11.3984, 8.0727 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

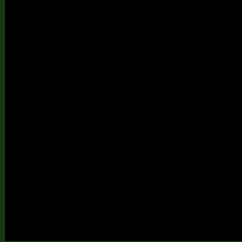
Any Text WCAG AA × Fail

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 17.8053, -11.3984, 8.0727 Background



This preview shows how black text looks on a background with the HunterLab color 17.8053, -11.3984, 8.0727.



This preview shows how white text looks on a background with the HunterLab color 17.8053,

-11.3984, 8.0727.

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

17.8053, -11.3984, 8.0727

Protanopia

17.8216, -2.0731, 8.5850

Deuteranopia

17.8342, 0.4970, 7.7491



Tritanopia

17.7285, -4.8276, -2.5476

Trichromacy



Original Color

17.8053, -11.3984, 8.0727

Protanomaly

17.7189, -6.2601, 8.2688

Deuteranomaly

17.4418, -4.6150, 7.5404

Tritanomaly

17.5347, -7.5603, 2.2780

Monochromacy



Original Color

17.8053, -11.3984, 8.0727

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

16.1751, -5.0995, 3.7598

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.8053, -11.3984, 8.0727 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, 57, 23)` looks like.

```
.text, #text, p{  
    color:rgb(23, 57, 23)  
}
```

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, 57, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 57, 23) }
```

Border

The CSS property to change the border of an element to HunterLab 17.8053, -11.3984, 8.0727 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, 57, 23) }
```


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

```
.border{ border-color:rgb(23, 57, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 57, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 57, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 57, 23);  
box-shadow:4px 4px 4px 4px rgb(23, 57, 23)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.8053, -11.3984, 8.0727 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 57, 23) }
```

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

```
.background{ background-color: rgb(23, 57,  
23) }
```

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