

Converting Colors

HunterLab(37.1175, 44.3980,
17.6552)

Have a look what the booklet for
HunterLab(37.1175, 44.3980,
17.6552) contains.

HunterLab(37.1168, 44.0710, 17.6663)	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(37.1168, 44.0710,
17.6663)**

Conversions

Conversions Part 1

Format	Color
Hex	BB3938
RGB	187, 57, 56
RGB Percent	73%, 22%, 22%
CMY	0.2667, 0.7764, 0.7804
CMYK	0.00, 0.70, 0.70, 0.27
HSL	0°, 54%, 48%
HSV	0°, 70%, 73%
XYZ	22.6704, 13.7766, 5.2057
YIQ	95.7560, 77.8010, 27.2490

Conversions

Conversions Part 2

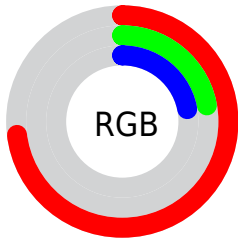
Format	Color
R_{YB}	187, 57, 56
Decimal	12269880
CIE _{Lab}	43.91, 51.84, 30.71
CIE _{LCh}	44, 60.254, 30.639
Yxy	13.7774, 0.5443, 0.3308
Android (android.graphics.Color)	4290459960 (0xFFBB3938)
YUV	95.7560, -19.5997, 80.0210
Hunter-Lab	37.1168, 44.0710, 17.6663

Details

The HunterLab color **37.1168, 44.0710, 17.6663** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **62.8830, -30.1171, -6.1062**, and the grayscale version is **34.1618, -1.8228, 1.8561**.

A 20% lighter version of the original color is **57.1903, 47.5765, 22.7703**, and **21.1360, 36.3461, 12.4948** is the 20% darker color. If you saturate the color by 10%, you get **34.8074, 49.5475, 19.2919**, and if you desaturate by 10%, it is **40.2216, 37.4878, 15.7073**.

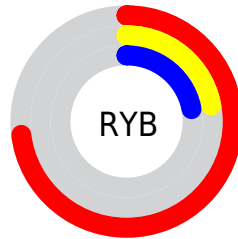
Distribution



Red (73%)

Green (22%)

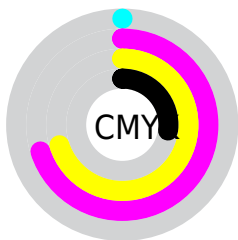
Blue (22%)



Red (73%)

Yellow (22%)

Blue (22%)

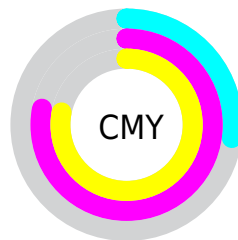


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (27%)



Cyan (27%)

Magenta (78%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.1168, 44.0710, 17.6663 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 37.1168, 44.0710, 17.6663 by changing the saturation by 10% instead.

■ 37.1168, 44.0710,
17.6663

■ 37.1168, 44.0710,
17.6663

146.9154, 57.0887,
37.9433

■ 28.2241, 42.1214,
14.9091

■ 57.1782, 47.6713,
22.7006

■ 20.1822, 40.1431,
11.9667

■ 68.2400, 49.3093,
25.0500

■ 13.0942, 38.3189,
9.1660

■ 79.9354, 50.8405,
27.3203

■ 6.5809, 42.2985,
4.6066

■ 92.2317, 52.2702,
29.5279

0.0000, INF, NaN

0.0000, NaN, NaN

■ 105.1010, 53.6042,
31.6852

0.0000, NaN, NaN

■ 118.5186, 54.8484,

0.0000, NaN, NaN

33.8021

0.0000, NaN, NaN

132.4632, 56.0082,
35.8860

■ 37.1168, 44.0710,
17.6663

■ 37.1168, 44.0710,
17.6663

■ 34.8074, 49.5475,
19.2919

■ 40.2216, 37.4878,
15.7073

■ 33.3273, 53.3809,
20.4061

■ 44.0330, 30.3689,
13.5949

■ 32.5514, 55.4987,
21.0296

■ 48.4511, 23.1288,
11.4658

■ 53.3790, 16.0167,
9.4005

■ 58.7333, 9.1517,
7.4363

■ 64.4454, 2.5719,
5.5837

■ 70.4606, -3.7286,
3.8390

■ 76.7353, -9.7754,
2.1921

■ 83.2353, -15.6011,
0.6306

Harmonies

Analogous

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



37.1179, 53.1785, 2.4847



37.1168, 44.0710, 17.6663



37.1179, 22.1977, 23.1354

Triad

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



37.1179, 44.0674, 17.6670



37.1179, -33.1175, 17.2608



37.1179, -1.4899, -69.1209

Complementary

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



37.1168, 44.0710, 17.6663



62.8830, -30.1171, -6.1062

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.



37.1179, -21.2174, -56.2532



37.1168, 44.0710, 17.6663



37.1179, -36.5760, 1.5500

Square

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



37.1179, 44.0674, 17.6670



37.1179, -21.8814, 23.0210



37.1179, -32.8047, -26.3311



37.1179, 23.2587, -55.1945

Rectangle

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



37.1168, 44.0710, 17.6663



37.1179, 5.4632, 24.1501



37.1179, -32.8047, -26.3311



37.1179, -8.8840, -67.7343

Sweetspot

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



37.1179, 44.0674, 17.6670



77.6516, 13.4085, 10.2817



41.2080, 61.6363, -41.1717



35.4915, 7.4764, 5.1625



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



37.1179, 44.0674, 17.6670



45.3939, 69.3407, 26.7055



49.6456, 14.1731, 26.3712



30.8995, 1.0128, 2.6010



27.0290, 46.0368, 17.4611



5.3874, 8.9823, 3.4770

Inverse Universe

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



62.8830, -30.1171, -6.1062



83.4123, -42.7092, -9.2003



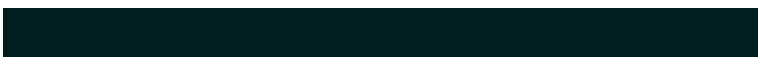
42.6910, -1.5430, -39.0141



32.8582, -4.2523, 0.9155



51.5233, -27.0525, -6.0010



10.2173, -5.3780, -1.1613

Previews

White Background



This preview shows how the HunterLab color 37.1168, 44.0710, 17.6663 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 × Fail

Black Background



This preview shows how the HunterLab color 37.1168, 44.0710, 17.6663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 37.1168, 44.0710, 17.6663 Background



This preview shows how black text looks on a background with the HunterLab color 37.1168, 44.0710, 17.6663.



This preview shows how white text looks on a background with the HunterLab color 37.1168, 44.0710,

17.6663.

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

37.1168, 44.0710, 17.6663

Protanopia

37.5432, -3.5864, 13.1166

Deuteranopia

37.4097, 2.0206, 18.6553



Tritanopia

37.1575, 44.2435, 17.0686

Trichromacy



Original Color

37.1168, 44.0710, 17.6663

Protanomaly

36.0002, 12.9513, 13.6643

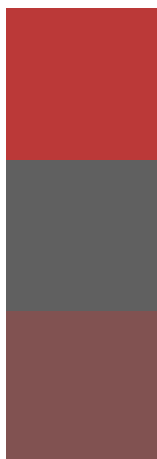
Deuteranomaly

36.1437, 17.4728, 17.4398

Tritanomaly

37.1437, 44.1849, 17.2716

Monochromacy



Original Color

37.1168, 44.0710, 17.6663

Achromatopsia

34.2010, -1.8249, 1.8582

Achromatomaly

33.6092, 13.1791, 7.2078

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.1168, 44.0710, 17.6663 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(187, 57, 56)` looks like.

```
.text, #text, p{  
  color:rgb(187, 57, 56)  
}
```

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(187, 57, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 57, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 37.1168, 44.0710, 17.6663 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(187, 57, 56) }
```


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

```
.border{ border-color:rgb(187, 57, 56) }
```

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

Here you see how a box with a 4 pixel rgb(187, 57, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 57, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 57, 56);  
box-shadow:4px 4px 4px 4px rgb(187, 57,  
56) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.1168, 44.0710, 17.6663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 57, 56) }
```

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

```
.background{ background-color: rgb(187, 57,  
56) }
```

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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