

Converting Colors

HunterLab(16.9738, 1.2571,
-20.3179)

Have a look what the booklet for
HunterLab(16.9738, 1.2571,
-20.3179) contains.

HunterLab(17.0175, 1.1663, -20.1675)	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(17.0175, 1.1663,
-20.1675)**

Conversions

Conversions Part 1

Format	Color
Hex	103056
RGB	16, 48, 86
RGB Percent	6%, 19%, 34%
CMY	0.9372, 0.8118, 0.6627
CMYK	0.81, 0.44, 0.00, 0.66
HSL	213°, 69%, 20%
HSV	213°, 81%, 34%
XYZ	2.9504, 2.8960, 9.2076
YIQ	42.7640, -31.2700, 5.0340

Conversions

Conversions Part 2

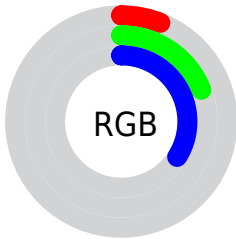
Format	Color
R_{YB}	16, 38, 86
Decimal	1060950
CIE _{Lab}	19.62, 3.59, -26.37
CIE _{LCh}	20, 26.612, 277.763
Yxy	2.8960, 0.1960, 0.1924
Android (android.graphics.Color)	4279251030 (0xFF103056)
YUV	42.7640, 21.3153, -23.4720
Hunter-Lab	17.0175, 1.1663, -20.1675

Details

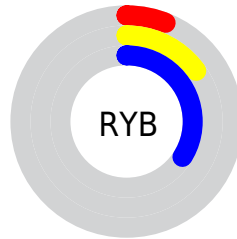
The HunterLab color **17.0175, 1.1663, -20.1675** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **21.5748, 5.6866, 12.0461**, and the grayscale version is **15.4061, -0.8220, 0.8370**.

A 20% lighter version of the original color is **33.2943, 0.5614, -20.9535**, and **4.2638, 9.7481, -26.3728** is the 20% darker color. If you saturate the color by 10%, you get **15.7215, 2.5572, -23.4707**, and if you desaturate by 10%, it is **18.4113, 0.0559, -17.0062**.

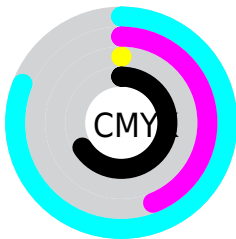
Distribution



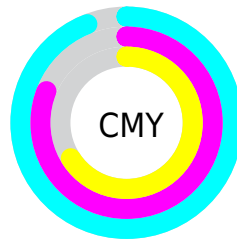
- Red (6%)
- Green (19%)
- Blue (34%)



- Red (6%)
- Yellow (15%)
- Blue (34%)



- Cyan (81%)
- Magenta (44%)
- Yellow (0%)
- Black (66%)



- Cyan (94%)
- Magenta (81%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.0175, 1.1663, -20.1675 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 17.0175, 1.1663, -20.1675 by changing the saturation by 10% instead.

■ 17.0175, 1.1663,
-20.1675

■ 17.0175, 1.1663,
-20.1675

■ 112.6977, -2.1862,
-23.8029

■ 10.3812, 1.2218,
-20.0228

■ 33.2040, 0.7985,
-21.1804

0.0000, INF, -NF

0.0000, NaN, -NF

■ 42.5494, 0.5146,
-21.7118

0.0000, NaN, NaN

■ 52.6370, 0.1757,
-22.2011

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.4156, -0.2127,
-22.6363

0.0000, NaN, NaN

■ 74.8435, -0.6462,
-23.0138

0.0000, NaN, NaN

■ 86.8858, -1.1215,

0.0000, NaN, NaN

-23.3331

■ 99.5125, -1.6355,
-23.5955

■ 17.0175, 1.1663,
-20.1675

■ 17.0175, 1.1663,
-20.1675

■ 15.7215, 2.5572,
-23.4707

■ 18.4113, 0.0559,
-17.0062

■ 14.6405, 3.8294,
-26.5659

■ 19.8958, -0.7841,
-13.9906

■ 21.4618, -1.3815,
-11.1218

■ 23.1004, -1.7654,
-8.3936

■ 24.8040, -1.9631,
-5.7953

■ 26.5660, -1.9990,
-3.3143

■ 28.3808, -1.8945,
-0.9378

■ 30.2434, -1.6679,
1.3467

■ 32.1498, -1.3348,
3.5507

Harmonies

Analogous

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



17.0178, -6.2256, -18.3020



17.0175, 1.1663, -20.1675



17.0178, 9.2945, -14.6716

Triad

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



17.0178, 1.1666, -20.1671



17.0178, 12.6590, 7.5563



17.0178, -12.6944, 5.4929

Complementary

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



17.0175, 1.1663, -20.1675



21.5748, 5.6866, 12.0461

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.



17.0178, -9.1609, 8.7960



17.0175, 1.1663, -20.1675



17.0178, 5.1529, 9.6716

Square

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



17.0178, 1.1666, -20.1671



17.0178, 16.6659, 2.7445



17.0178, -2.8895, 10.0943



17.0178, -13.3751, -1.1177

Rectangle

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



17.0175, 1.1663, -20.1675



17.0178, 13.7412, -8.5874



17.0178, -2.8895, 10.0943



17.0178, -11.8362, 6.9189

Sweetspot

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



17.0178, 1.1666, -20.1671



34.3155, -2.6487, -5.4881



26.5066, -18.1571, 8.3905



16.6995, -1.3044, -3.0617



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



17.0178, 1.1666, -20.1671



19.2097, 5.5452, -35.5594



10.8375, 15.9672, -41.2082



14.8130, -0.9478, -0.1720



18.0460, 5.5674, -34.5743



40.6693, 17.5760, -88.7745

Inverse Universe

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



16.0081, 22.7953, -0.0938



19.3884, 33.8599, 2.4214



29.2618, -8.2159, 16.8935



14.6058, 0.5589, 0.4953



18.3122, 32.5691, 2.4619



43.1980, 76.4468, 8.7754

Previews

White Background



This preview shows how the HunterLab color 17.0175, 1.1663, -20.1675 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



This preview shows how the HunterLab color 17.0175, 1.1663, -20.1675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

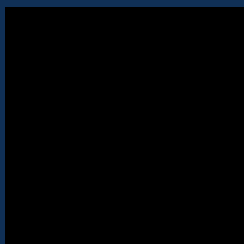
Any Text WCAG AA × Fail

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 17.0175, 1.1663, -20.1675 Background



This preview shows how black text looks on a background with the HunterLab color 17.0175, 1.1663, -20.1675.



This preview shows how white text looks on a background with the HunterLab color 17.0175, 1.1663, -20.1675.

-20.1675.

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

17.0175, 1.1663, -20.1675

Protanopia

16.9414, 3.1485, -18.8596

Deuteranopia

17.0695, 0.0951, -20.0607



Tritanopia

16.8571, -8.1988, -3.3710

Trichromacy



Original Color

17.0175, 1.1663, -20.1675

Protanomaly

17.0164, 2.2900, -19.4196

Deuteranomaly

17.1261, 0.2884, -19.9214

Tritanomaly

16.8039, -4.9505, -9.0281

Monochromacy



Original Color

17.0175, 1.1663, -20.1675

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.8615, -1.2552, -5.7147

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.0175, 1.1663, -20.1675 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(16, 48, 86)` looks like.

```
.text, #text, p{  
    color:rgb(16, 48, 86)  
}
```

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(16, 48, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 48, 86) }
```

Border

The CSS property to change the border of an element to HunterLab 17.0175, 1.1663, -20.1675 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(16, 48, 86) }
```


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

```
.border{ border-color:rgb(16, 48, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 48, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 48, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 48, 86);  
box-shadow:4px 4px 4px 4px rgb(16, 48, 86)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.0175, 1.1663, -20.1675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 48, 86) }
```

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

```
.background{ background-color: rgb(16, 48,  
86) }
```

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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