

Converting Colors

HunterLab(37.1743, -17.6698,
-8.3207)

Have a look what the booklet for
HunterLab(37.1743, -17.6698,
-8.3207) contains.

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Color

**HunterLab(37.0704,
-17.5285, -8.4957)**

Conversions

Conversions Part 1

Format	Color
Hex	00737D
RGB	0, 115, 125
RGB Percent	0%, 45%, 49%
CMY	0.9999, 0.5490, 0.5098
CMYK	1.00, 0.08, 0.00, 0.51
HSL	185°, 100%, 25%
HSV	185°, 100%, 49%
XYZ	9.8324, 13.7421, 21.5363
YIQ	81.7550, -71.7500, -21.2700

Conversions

Conversions Part 2

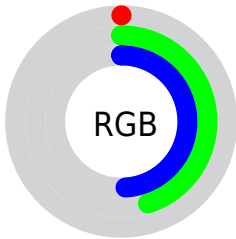
Format	Color
RYB	0, 60, 125
Decimal	29565
CIELab	43.86, -23.30, -13.32
CIELCh	44, 26.842, 209.751
Yxy	13.7426, 0.2180, 0.3046
Android (android.graphics.Color)	4278219645 (0xFF00737D)
YUV	81.7550, 21.3198, -71.6991
Hunter-Lab	37.0704, -17.5285, -8.4957

Details

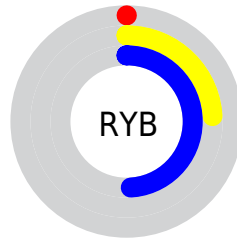
The HunterLab color **37.0704, -17.5285, -8.4957** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **21.3951, 34.0282, 13.7780**, and the grayscale version is **28.9046, -1.5423, 1.5704**.

A 20% lighter version of the original color is **57.0211, -21.2789, -9.0318**, and **21.0196, -9.1619, -6.4947** is the 20% darker color. If you saturate the color by 10%, you get **37.0705, -17.5285, -8.4959**, and if you desaturate by 10%, it is **37.4884, -17.4841, -7.8918**.

Distribution



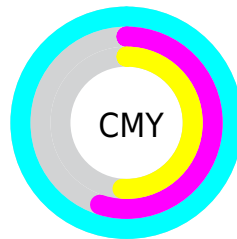
- Red (0%)
- Green (45%)
- Blue (49%)



- Red (0%)
- Yellow (24%)
- Blue (49%)



- Cyan (100%)
- Magenta (8%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (55%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.0704, -17.5285, -8.4957 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 37.0704, -17.5285, -8.4957 by changing the saturation by 10% instead.

37.0704, -17.5285,
-8.4957

37.0704, -17.5285,
-8.4957

146.8414,
-33.8451, -7.4364

28.1814, -15.4326,
-8.3004

57.1242, -21.4318,
-8.6615

20.1439, -13.1811,
-8.0247

68.1827, -23.2899,
-8.6452

13.0612, -10.6860,
-7.6725

79.8749, -25.1064,
-8.5695

6.5383, -11.4421,
-8.7038

92.1683, -26.8914,
-8.4389

0.0000, NaN, -NF

0.0000, NaN, NaN

105.0347,
-28.6525, -8.2573

0.0000, NaN, NaN

118.4497,

0.0000, NaN, NaN

-30.3956, -8.0278

0.0000, NaN, NaN

132.3917,
-32.1253, -7.7533

■ 37.0704, -17.5285,
-8.4957

■ 37.0704, -17.5285,
-8.4957

■ 37.0705, -17.5285,
-8.4959

■ 37.4884, -17.4841,
-7.8918

■ 37.9613, -17.2262,
-7.2137

■ 38.5239, -16.6246,
-6.4138

■ 39.1833, -15.6586,
-5.4881

■ 39.9437, -14.3205,
-4.4372

■ 40.8074, -12.6135,
-3.2655

■ 41.7749, -10.5491,
-1.9803

■ 42.8456, -8.1452,
-0.5904

■ 44.0174, -5.4245,
0.8940

Harmonies

Analogous

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



37.0711, -19.6372, 2.0988



37.0704, -17.5285, -8.4957



37.0711, -11.3588, -18.0071

Triad

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



37.0711, -17.5284, -8.4951



37.0711, 16.5454, -8.6744



37.0711, -1.8948, 16.2547

Complementary

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



37.0704, -17.5285, -8.4957



21.3951, 34.0282, 13.7780

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.



37.0711, 8.4351, 14.7953



37.0704, -17.5285, -8.4957



37.0711, 19.7610, 1.9368

Square

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



37.0711, -17.5284, -8.4951



37.0711, 8.2719, -18.1287



37.0711, 16.6466, 10.1393



37.0711, -11.2262, 14.8439

Rectangle

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



37.0704, -17.5285, -8.4957



37.0711, -5.4081, -21.4598



37.0711, 16.6466, 10.1393



37.0711, 1.5773, 16.0908

Sweetspot

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



37.0711, -17.5284, -8.4951



55.8021, -14.3366, -2.7820



38.3221, -32.6901, 22.6707



26.3955, -7.3105, -1.6152



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



37.0711, -17.5284, -8.4951



49.5076, -23.3326, -11.5118



20.3361, 8.5566, -43.8867



21.9770, -2.5768, 0.5117



37.8654, -17.8996, -8.6884

0.0000, NaN, NaN

Inverse Universe

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



23.6606, 45.7471, -25.2649



31.6454, 61.1665, -33.6035



29.7428, 12.1704, 18.5395



20.9921, 1.3905, -0.4221



24.1701, 46.7349, -25.7988

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 37.0704, -17.5285, -8.4957 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 37.0704, -17.5285, -8.4957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

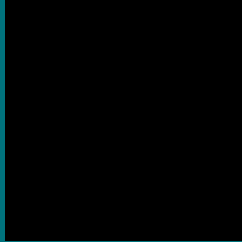
Any Text WCAG AA × Fail

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 37.0704, -17.5285, -8.4957 Background



This preview shows how black text looks on a background with the HunterLab color 37.0704, -17.5285, -8.4957.



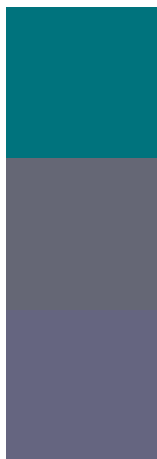
This preview shows how white text looks on a background with the HunterLab color 37.0704,

-17.5285, -8.4957.

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

37.0704, -17.5285, -8.4957

Protanopia

37.0831, -0.2597, -4.0620

Deuteranopia

36.9223, 2.6663, -9.9958



Tritanopia

37.0361, -17.7310, -8.0156

Trichromacy



Original Color

37.0704, -17.5285, -8.4957

Protanomaly

36.0020, -9.6438, -7.2480

Deuteranomaly

35.9588, -7.8316, -11.0858

Tritanomaly

37.0361, -17.7310, -8.0156

Monochromacy



Original Color

37.0704, -17.5285, -8.4957

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

31.0118, -10.3908, -3.1646

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.0704, -17.5285, -8.4957 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(0, 115, 125)` looks like.

```
.text, #text, p{  
    color:rgb(0, 115, 125)  
}
```

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(0, 115, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 115, 125) }
```

Border

The CSS property to change the border of an element to HunterLab 37.0704, -17.5285, -8.4957 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(0, 115, 125) }
```


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

```
.border{ border-color:rgb(0, 115, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 115, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 115, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 115, 125);  
box-shadow:4px 4px 4px 4px rgb(0, 115,  
125) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.0704, -17.5285, -8.4957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 115, 125) }
```

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

```
.background{ background-color: rgb(0, 115,  
125) }
```

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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