

Converting Colors

HunterLab(37.1176, 64.2661,
-10.3029)

Have a look what the booklet for
HunterLab(37.1176, 64.2661,
-10.3029) contains.

HunterLab(37.1176, 64.2661, -10.3029)	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(37.1176, 64.2661,
-10.3029)**

Conversions

Conversions Part 1

Format	Color
Hex	C31583
RGB	195, 21, 131
RGB Percent	76%, 8%, 51%
CMY	0.2353, 0.9176, 0.4863
CMYK	0.00, 0.89, 0.33, 0.24
HSL	322°, 81%, 42%
HSV	322°, 89%, 76%
XYZ	26.8706, 13.7772, 22.7158
YIQ	85.5660, 68.3940, 71.0980

Conversions

Conversions Part 2

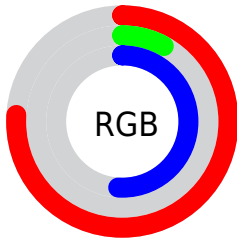
Format	Color
R_{YB}	195, 21, 131
Decimal	12785027
CIE _{Lab}	43.91, 69.92, -15.32
CIE _{LCh}	44, 71.574, 347.640
Yxy	13.7779, 0.4241, 0.2174
Android (android.graphics.Color)	4290975107 (0xFFC31583)
YUV	85.5660, 22.3990, 95.9736
Hunter-Lab	37.1176, 64.2661, -10.3029

Details

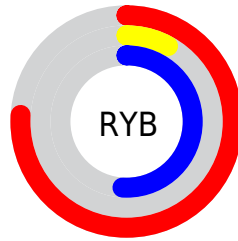
The HunterLab color **37.1176, 64.2661, -10.3029** is a dark color, and the websafe version is hex **CC3399**. The color can be described as dark washed rose. A complement of this color would be **63.1238, -49.7675, 29.9490**, and the grayscale version is **30.2540, -1.6143, 1.6438**.

A 20% lighter version of the original color is **57.0521, 68.5031, -10.7717**, and **24.1732, 43.9174, -3.9149** is the 20% darker color. If you saturate the color by 10%, you get **36.1746, 65.7262, -7.7186**, and if you desaturate by 10%, it is **38.7235, 60.7601, -11.9914**.

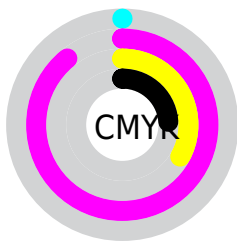
Distribution



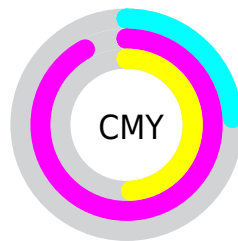
- Red (76%)
- Green (8%)
- Blue (51%)



- Red (76%)
- Yellow (8%)
- Blue (51%)



- Cyan (0%)
- Magenta (89%)
- Yellow (33%)
- Black (24%)



- Cyan (24%)
- Magenta (92%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.1176, 64.2661, -10.3029 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 37.1176, 64.2661, -10.3029 by changing the saturation by 10% instead.

37.1176, 64.2661,
-10.3029

37.1176, 64.2661,
-10.3029

146.9166, 82.1305,
-9.8885

28.2248, 61.9921,
-10.0311

57.1791, 68.8189,
-10.6218

20.1828, 59.9332,
-9.6854

68.2409, 70.9972,
-10.6808

13.0948, 58.5813,
-9.2809

79.9364, 73.0851,
-10.6789

6.5815, 66.3918,
-10.4027

92.2327, 75.0782,
-10.6203

0.0000, INF, -NF

0.0000, INF, NaN

105.1020, 76.9766,
-10.5088

0.0000, NaN, NaN

118.5197, 78.7825,

0.0000, NaN, NaN

-10.3478

0.0000, NaN, NaN

132.4643, 80.4993,
-10.1402

■ 37.1176, 64.2661,
-10.3029

■ 37.1176, 64.2661,
-10.3029

■ 36.1746, 65.7262,
-7.7186

■ 38.7235, 60.7601,
-11.9914

■ 36.1094, 65.8174,
-7.5102

■ 41.0987, 55.1606,
-12.5572

■ 44.2194, 47.9536,
-12.0427

■ 48.0178, 39.7124,
-10.6080

■ 52.4090, 30.9252,
-8.4505

■ 57.3084, 21.9353,
-5.7529

■ 62.6399, 12.9519,
-2.6616

■ 68.3389, 4.0862,
0.7148

■ 74.3524, -4.6137,
4.2993

Harmonies

Analogous

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



37.1186, 45.1736, -49.6486



37.1176, 64.2661, -10.3029



37.1186, 62.2575, 14.1671

Triad

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



37.1186, 64.2627, -10.3015



37.1186, -16.5544, 25.1452



37.1186, -31.0851, -56.8460

Complementary

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



37.1176, 64.2661, -10.3029



63.1238, -49.7675, 29.9490

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.



37.1186, -39.8630, -16.4646



37.1176, 64.2661, -10.3029



37.1186, -33.2909, 22.3519

Square

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



37.1186, 64.2627, -10.3015



37.1186, 9.9041, 25.3357



37.1186, -40.5329, 11.1796



37.1186, -12.5393, -86.9969

Rectangle

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



37.1176, 64.2661, -10.3029



37.1186, 49.2469, 21.3833



37.1186, -40.5329, 11.1796



37.1186, -35.0119, -43.0855

Sweetspot

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



37.1186, 64.2627, -10.3015



77.9406, 27.1834, -6.9878



25.2978, 53.4415, -104.4801



35.3543, 14.6868, -3.9065

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



37.1186, 64.2627, -10.3015



48.2733, 87.8969, -9.3293



35.1037, 56.7068, 18.5625



31.9102, 1.9694, 0.3108



29.1397, 53.1643, -6.4547



6.1627, 11.4297, -2.8073

Inverse Universe

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



37.1186, 64.2627, -10.3015



48.2733, 87.8969, -9.3293



64.9315, -38.7120, 3.7846



31.9102, 1.9694, 0.3108



29.1397, 53.1643, -6.4547



6.1627, 11.4297, -2.8073

Previews

White Background



This preview shows how the HunterLab color 37.1176, 64.2661, -10.3029 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 37.1176, 64.2661, -10.3029 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 37.1176, 64.2661, -10.3029 Background



This preview shows how black text looks on a background with the HunterLab color 37.1176, 64.2661, -10.3029.



This preview shows how white text looks on a background with the HunterLab color 37.1176, 64.2661, -10.3029.

-10.3029.

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

37.1176, 64.2661, -10.3029

Protanopia

37.9343, 8.3659, -47.3550

Deuteranopia

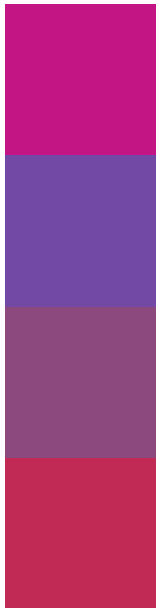
37.7246, 2.2434, -5.6529



Tritanopia

37.2571, 46.3972, 17.6098

Trichromacy



Original Color

37.1176, 64.2661, -10.3029

Protanomaly

33.2552, 28.2938, -42.4786

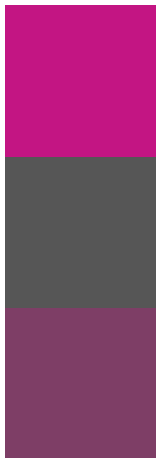
Deuteranomaly

34.2560, 27.2369, -11.9957

Tritanomaly

36.7457, 53.0884, 10.0385

Monochromacy



Original Color

37.1176, 64.2661, -10.3029

Achromatopsia

30.5056, -1.6277, 1.6574

Achromatomaly

29.7324, 24.3638, -6.3193

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.1176, 64.2661, -10.3029 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(195, 21, 131)` looks like.

```
.text, #text, p{  
    color:rgb(195, 21, 131)  
}
```

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(195, 21, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 21, 131) }
```

Border

The CSS property to change the border of an element to HunterLab 37.1176, 64.2661, -10.3029 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(195, 21, 131) }
```


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

```
.border{ border-color:rgb(195, 21, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 21, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 21, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 21, 131);  
box-shadow:4px 4px 4px 4px rgb(195, 21,  
131) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.1176, 64.2661, -10.3029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 21, 131) }
```

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

```
.background{ background-color: rgb(195, 21,  
131) }
```

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