

Converting Colors

HunterLab(63.9761, -33.0963,
-7.5354)

Have a look what the booklet for
HunterLab(63.9761, -33.0963,
-7.5354) contains.

HunterLab(63.8301, -33.0052, -7.5681)	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(63.8301,
-33.0052, -7.5681)**

Conversions

Conversions Part 1

Format	Color
Hex	10BEC0
RGB	16, 190, 192
RGB Percent	6%, 75%, 75%
CMY	0.9371, 0.2549, 0.2471
CMYK	0.92, 0.01, 0.00, 0.25
HSL	181°, 85%, 41%
HSV	181°, 92%, 75%
XYZ	28.1416, 40.7428, 56.2501
YIQ	138.2020, -104.3460, -36.2660

Conversions

Conversions Part 2

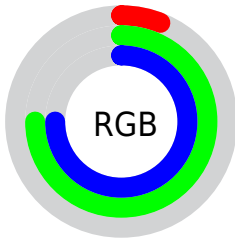
Format	Color
R _Y B	16, 103, 192
Decimal	1097408
CIE Lab	70.00, -37.42, -12.21
CIE LCh	70, 39.359, 198.073
Yxy	40.7443, 0.2249, 0.3256
Android (android.graphics.Color)	4279287488 (0xFF10BEC0)
YUV	138.2020, 26.5224, -107.1712
Hunter-Lab	63.8301, -33.0052, -7.5681

Details

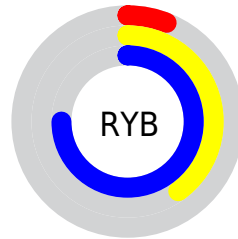
The HunterLab color **63.8301, -33.0052, -7.5681** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **34.1726, 55.3710, 21.1738**, and the grayscale version is **50.4256, -2.6906, 2.7397**.

A 20% lighter version of the original color is **87.3859, -38.2341, -7.0767**, and **44.1275, -22.7586, -6.0263** is the 20% darker color. If you saturate the color by 10%, you get **63.6829, -33.2730, -7.7713**, and if you desaturate by 10%, it is **64.1013, -32.3223, -7.1937**.

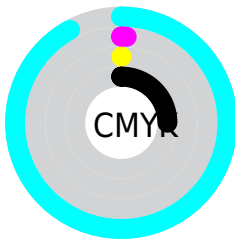
Distribution



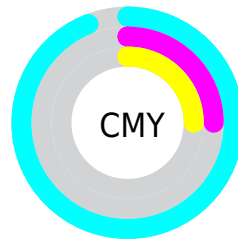
- Red (6%)
- Green (75%)
- Blue (75%)



- Red (6%)
- Yellow (40%)
- Blue (75%)



- Cyan (92%)
- Magenta (1%)
- Yellow (0%)
- Black (25%)



- Cyan (94%)
- Magenta (25%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.8301, -33.0052, -7.5681 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 63.8301, -33.0052, -7.5681 by changing the saturation by 10% instead.

63.8301, -33.0052,
-7.5681

63.8301, -33.0052,
-7.5681

186.8826,
-54.6214, -4.9852

53.0277, -30.2742,
-7.6032

87.3474, -38.1743,
-7.3197

42.9135, -27.4083,
-7.5736

99.9954, -40.6497,
-7.1170

33.5393, -24.3644,
-7.4720

113.2010,
-43.0700, -6.8663

24.9689, -21.0763,
-7.2914

126.9417,
-45.4448, -6.5707

17.2863, -17.4355,
-7.0263

141.1973,
-47.7817, -6.2327

10.6092, -16.2369,
-6.6831

155.9499,

0.0000, NaN, -NF

-50.0868, -5.8545

0.0000, NaN, NaN

171.1832,
-52.3653, -5.4380

0.0000, NaN, NaN

■ 63.8301, -33.0052,
-7.5681

■ 63.8301, -33.0052,
-7.5681

■ 63.6829, -33.2730,
-7.7713

■ 64.1013, -32.3223,
-7.1937

■ 64.5131, -31.0875,
-6.6240

■ 65.0839, -29.2427,
-5.8380

■ 65.8264, -26.7547,
-4.8244

■ 66.7493, -23.6118,
-3.5797

■ 67.8579, -19.8209,
-2.1065

■ 69.1546, -15.4042,
-0.4132

■ 70.6393, -10.3963,
1.4880

■ 72.3097, -4.8408,
3.5816

Harmonies

Analogous

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



63.8313, -33.7764, 9.8913



63.8301, -33.0052, -7.5681



63.8313, -24.8630, -26.0797

Triad

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



63.8313, -33.0053, -7.5672



63.8313, 24.3372, -22.5719



63.8313, 3.8777, 27.9649

Complementary

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



63.8301, -33.0052, -7.5681



34.1726, 55.3710, 21.1738

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.



63.8313, 21.3152, 23.3850



63.8301, -33.0052, -7.5681



63.8313, 33.9708, -3.6864

Square

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



63.8313, -33.0053, -7.5672



63.8313, 7.6489, -36.2575



63.8313, 32.8075, 12.8395



63.8313, -13.7625, 27.4609

Rectangle

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



63.8301, -33.0052, -7.5681



63.8313, -15.7874, -35.0793



63.8313, 32.8075, 12.8395



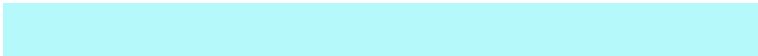
63.8313, 9.9904, 27.0355

Sweetspot

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



63.8313, -33.0053, -7.5672



92.0473, -24.2726, -1.9092



61.5205, -52.0750, 36.5235



42.3663, -12.1570, -1.2359



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



63.8313, -33.0053, -7.5672



85.7060, -44.7689, -10.4819



37.1752, 5.4337, -56.5344



33.7760, -4.3656, 0.9269



52.2467, -27.3031, -6.3642



10.8896, -5.7104, -1.2840

Inverse Universe

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



39.1100, 74.0420, -48.4580



51.9853, 101.9513, -66.5994



45.9868, 23.4872, 28.1145



32.0086, 2.4962, -1.0861



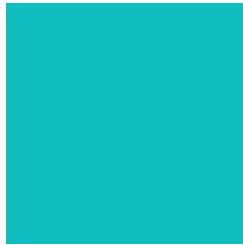
31.6826, 62.1390, -40.6236



6.5906, 12.9334, -8.5075

Previews

White Background



This preview shows how the HunterLab color 63.8301, -33.0052, -7.5681 looks on a white 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

Black Background



This preview shows how the HunterLab color 63.8301, -33.0052, -7.5681 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

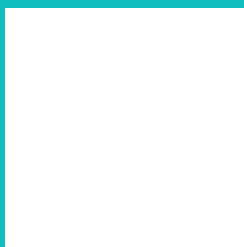
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 63.8301, -33.0052, -7.5681 Background



This preview shows how black text looks on a background with the HunterLab color 63.8301, -33.0052, -7.5681.



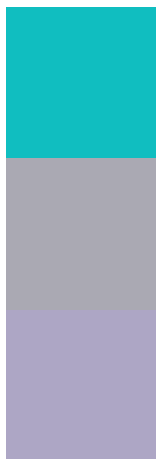
This preview shows how white text looks on a background with the HunterLab color 63.8301,

-33.0052, -7.5681.

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

63.8301, -33.0052, -7.5681

Protanopia

63.3851, -1.3705, -0.8589

Deuteranopia

63.3939, 4.3586, -10.2644



Tritanopia

63.7835, -28.8535, -14.3042

Trichromacy



Original Color

63.8301, -33.0052, -7.5681



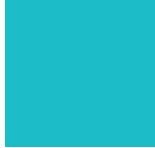
Protanomaly

62.0342, -18.4574, -5.4394



Deuteranomaly

61.8976, -14.9354, -11.5752



Tritanomaly

63.8844, -30.4841, -11.8821

Monochromacy



Original Color

63.8301, -33.0052, -7.5681



Achromatopsia

50.4135, -2.6899, 2.7391



Achromatomaly

53.8166, -18.4075, -2.7984

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.8301, -33.0052, -7.5681 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, 190, 192)` looks like.

```
.text, #text, p{  
    color:rgb(16, 190, 192)  
}
```

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, 190, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 190, 192) }
```

Border

The CSS property to change the border of an element to HunterLab 63.8301, -33.0052, -7.5681 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, 190, 192) }
```


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

```
.border{ border-color:rgb(16, 190, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(16, 190, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 190, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 190, 192);  
box-shadow:4px 4px 4px 4px rgb(16, 190,  
192) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.8301, -33.0052, -7.5681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 190, 192) }
```

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

```
.background{ background-color: rgb(16, 190,  
192) }
```

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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