

Converting Colors

HunterLab(69.9688, -35.2476,
-10.7629)

Have a look what the booklet for
HunterLab(69.9688, -35.2476,
-10.7629) contains.

HunterLab(70.0178, -35.2587, -10.7784)	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(70.0178,
-35.2587, -10.7784)**

Conversions

Conversions Part 1

Format	Color
Hex	0CCED5
RGB	12, 206, 213
RGB Percent	5%, 81%, 84%
CMY	0.9528, 0.1921, 0.1647
CMYK	0.94, 0.03, 0.00, 0.16
HSL	182°, 89%, 44%
HSV	182°, 94%, 84%
XYZ	34.2332, 49.0249, 70.6093
YIQ	148.7920, -117.8710, -38.9510

Conversions

Conversions Part 2

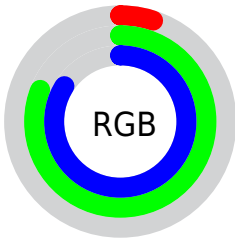
Format	Color
RYB	12, 111, 213
Decimal	839381
CIELab	75.47, -38.51, -15.41
CIELCh	75, 41.477, 201.812
Yxy	49.0267, 0.2225, 0.3186
Android (android.graphics.Color)	4279029461 (0xFF0CCED5)
YUV	148.7920, 31.6545, -119.9666
Hunter-Lab	70.0178, -35.2587, -10.7784

Details

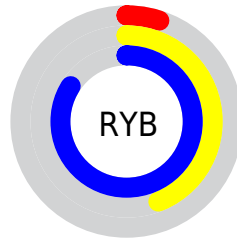
The HunterLab color **70.0178, -35.2587, -10.7784** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **38.2625, 62.4572, 24.1294**, and the grayscale version is **54.6546, -2.9162, 2.9695**.

A 20% lighter version of the original color is **90.5842, -39.8161, -6.8030**, and **49.6002, -24.7642, -8.5372** is the 20% darker color. If you saturate the color by 10%, you get **69.8187, -35.3047, -11.0547**, and if you desaturate by 10%, it is **70.4523, -34.8686, -10.1758**.

Distribution



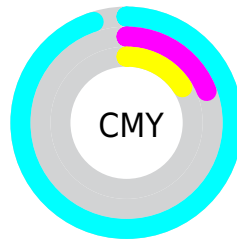
- Red (5%)
- Green (81%)
- Blue (84%)



- Red (5%)
- Yellow (44%)
- Blue (84%)



- Cyan (94%)
- Magenta (3%)
- Yellow (0%)
- Black (16%)



- Cyan (95%)
- Magenta (19%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.0178, -35.2587, -10.7784 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 70.0178, -35.2587, -10.7784 by changing the saturation by 10% instead.

70.0178, -35.2587,
-10.7784

70.0178, -35.2587,
-10.7784

195.6649,
-57.1046, -8.9491

58.8563, -32.5231,
-10.7249

94.1972, -40.4592,
-10.7058

48.3593, -29.6651,
-10.6073

107.1533,
-42.9574, -10.5895

38.5732, -26.6483,
-10.4198

120.6543,
-45.4033, -10.4241

29.5541, -23.4189,
-10.1579

134.6791,
-47.8057, -10.2125

21.3738, -19.8919,
-9.8206

149.2087,
-50.1718, -9.9570

14.1291, -16.0399,
-9.4204

164.2262,

7.7803, -13.6156,

-52.5073, -9.6600

-9.4975

179.7163,
-54.8169, -9.3235

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 70.0178, -35.2587,
-10.7784

■ 70.0178, -35.2587,
-10.7784

■ 69.8187, -35.3047,
-11.0547

■ 70.4523, -34.8686,
-10.1758

■ 71.0410, -33.8731,
-9.3567

■ 71.8064, -32.1978,
-8.2956

■ 72.7636, -29.8001,
-6.9801

■ 73.9223, -26.6634,

-5.4071

■ 75.2887, -22.7933,
-3.5812

■ 76.8649, -18.2134,
-1.5131

■ 78.6507, -12.9617,
0.7818

■ 80.6430, -7.0861,
3.2847

Harmonies

Analogous

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



70.0191, -37.1195, 8.7031



70.0178, -35.2587, -10.7784



70.0191, -25.4442, -30.4148

Triad

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



70.0191, -35.2587, -10.7774



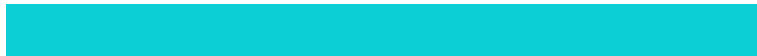
70.0191, 28.2320, -22.0183



70.0191, 1.6805, 30.7204

Complementary

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



70.0178, -35.2587, -10.7784



38.2625, 62.4572, 24.1294

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.



70.0191, 20.9799, 26.4480



70.0178, -35.2587, -10.7784



70.0191, 37.3683, -1.4610

Square

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



70.0191, -35.2587, -10.7774



70.0191, 10.7422, -38.0437



70.0191, 34.5785, 15.8101



70.0191, -17.1328, 29.4961

Rectangle

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



70.0178, -35.2587, -10.7784



70.0191, -15.0625, -39.2431



70.0191, 34.5785, 15.8101



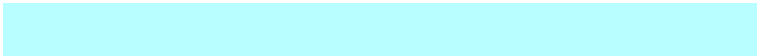
70.0191, 8.3515, 29.9334

Sweetspot

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



70.0191, -35.2587, -10.7774



93.4370, -24.6430, -2.8888



69.0752, -58.7015, 41.0171



42.8443, -12.5145, -1.8415

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.0191, -35.2587, -10.7774



85.5595, -43.2416, -13.5958



38.9290, 11.1935, -71.6936



37.4569, -4.7736, 0.9357



54.5974, -27.6289, -8.5992



13.4967, -6.8917, -1.9925

Inverse Universe

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



43.4359, 83.0824, -51.4890



52.8405, 103.0967, -63.5738



52.3636, 24.7108, 32.3034



35.5315, 2.7939, -1.1422



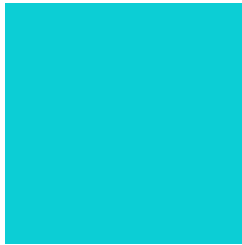
33.6958, 65.7562, -40.6376



8.2898, 16.1993, -10.1679

Previews

White Background



This preview shows how the HunterLab color 70.0178, -35.2587, -10.7784 looks on a white background.

Color Contrast Check

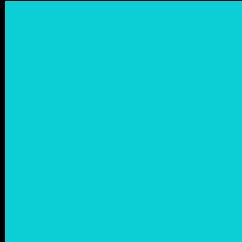
Large Text (above 18pt) WCAG AA × Fail

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 70.0178, -35.2587, -10.7784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

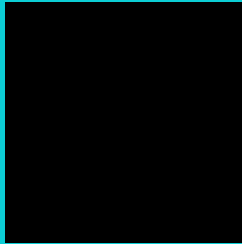
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

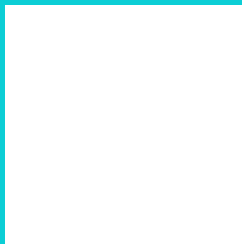
Any Text WCAG AAA ✓ Pass

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

HunterLab 70.0178, -35.2587, -10.7784 Background



This preview shows how black text looks on a background with the HunterLab color 70.0178, -35.2587, -10.7784.



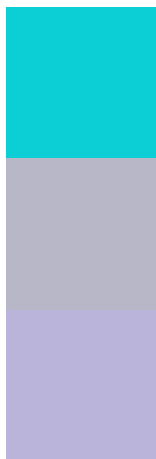
This preview shows how white text looks on a background with the HunterLab color 70.0178, -35.2587, -10.7784.

-35.2587, -10.7784.

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

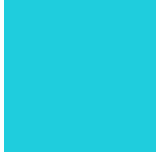
70.0178, -35.2587, -10.7784

Protanopia

69.4124, -0.5829, -3.3918

Deuteranopia

69.4234, 5.4151, -14.3624



Tritanopia

70.1245, -32.4870, -15.1959

Trichromacy



Original Color

70.0178, -35.2587, -10.7784



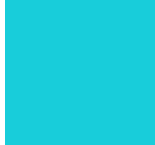
Protanomaly

67.5916, -19.4772, -8.8018



Deuteranomaly

67.5395, -15.4110, -16.2797



Tritanomaly

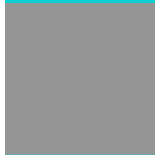
69.9420, -33.4243, -13.7151

Monochromacy



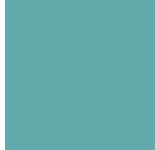
Original Color

70.0178, -35.2587, -10.7784



Achromatopsia

54.8219, -2.9252, 2.9786



Achromatomaly

58.6350, -20.5177, -3.6943

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.0178, -35.2587, -10.7784 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(12, 206, 213)` looks like.

```
.text, #text, p{  
    color:rgb(12, 206, 213)  
}
```

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(12, 206, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 206, 213) }
```

Border

The CSS property to change the border of an element to HunterLab 70.0178, -35.2587, -10.7784 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(12, 206, 213) }
```


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

```
.border{ border-color:rgb(12, 206, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 206, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 206, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 206, 213);  
box-shadow:4px 4px 4px 4px rgb(12, 206,  
213) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.0178, -35.2587, -10.7784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 206, 213) }
```

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

```
.background{ background-color: rgb(12, 206,  
213) }
```

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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