

Converting Colors

HunterLab(66.6586, -33.8111,
-10.3290)

Have a look what the booklet for
HunterLab(66.6586, -33.8111,
-10.3290) contains.

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Color

**HunterLab(66.5523,
-33.6827, -10.4734)**

Conversions

Conversions Part 1

Format	Color
Hex	00C5CC
RGB	0, 197, 204
RGB Percent	0%, 77%, 80%
CMY	0.9998, 0.2274, 0.2000
CMYK	1.00, 0.03, 0.00, 0.20
HSL	182°, 100%, 40%
HSV	182°, 100%, 80%
XYZ	30.8653, 44.2921, 64.0492
YIQ	138.8950, -119.6590, -39.5870

Conversions

Conversions Part 2

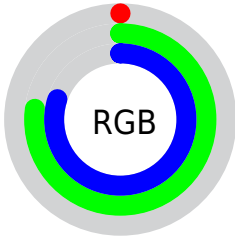
Format	Color
RYB	0, 100, 204
Decimal	50636
CIELab	72.42, -37.46, -15.12
CIELCh	72, 40.397, 201.983
Yxy	44.2937, 0.2217, 0.3182
Android (android.graphics.Color)	4278240716 (0xFF00C5CC)
YUV	138.8950, 32.0968, -121.8109
Hunter-Lab	66.5523, -33.6827, -10.4734

Details

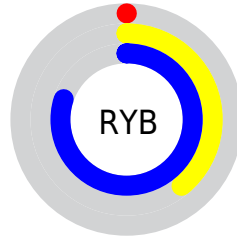
The HunterLab color **66.5523, -33.6827, -10.4734** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **36.0424, 60.6338, 23.2686**, and the grayscale version is **50.6862, -2.7045, 2.7539**.

A 20% lighter version of the original color is **90.0594, -40.0350, -7.4911**, and **46.4198, -22.8701, -8.6508** is the 20% darker color. If you saturate the color by 10%, you get **66.5528, -33.6829, -10.4735**, and if you desaturate by 10%, it is **66.9070, -33.5211, -9.9829**.

Distribution



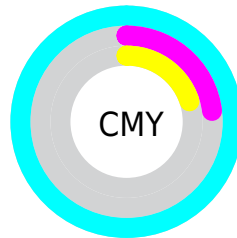
- Red (0%)
- Green (77%)
- Blue (80%)



- Red (0%)
- Yellow (39%)
- Blue (80%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (20%)



- Cyan (100%)
- Magenta (23%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.5523, -33.6827, -10.4734 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 66.5523, -33.6827, -10.4734 by changing the saturation by 10% instead.

66.5523, -33.6827,
-10.4734

66.5523, -33.6827,
-10.4734

190.7631,
-55.2154, -8.6848

55.5891, -30.9768,
-10.4114

90.3657, -38.8168,
-10.4146

45.3032, -28.1442,
-10.2839

103.1513,
-41.2800, -10.3038

35.7441, -25.1454,
-10.0849

116.4888,
-43.6906, -10.1432

26.9717, -21.9210,
-9.8102

130.3563,
-46.0575, -9.9358

19.0644, -18.3754,
-9.4603

144.7341,
-48.3880, -9.6840

12.1297, -15.4455,
-9.0553

159.6048,

5.1807, -9.0662,

-50.6881, -9.3903

-12.4303

174.9526,
-52.9625, -9.0566

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 66.5523, -33.6827,
-10.4734

■ 66.5523, -33.6827,
-10.4734

■ 66.5528, -33.6829,
-10.4735

■ 66.9070, -33.5211,
-9.9829

■ 67.3799, -32.8932,
-9.3253

■ 68.0101, -31.6552,
-8.4495

■ 68.8149, -29.7513,
-7.3378

■ 69.8061, -27.1530,

-5.9826

■ 70.9914, -23.8544,
-4.3844

■ 72.3747, -19.8688,
-2.5503

■ 73.9572, -15.2250,
-0.4925

■ 75.7373, -9.9636,
1.7729

Harmonies

Analogous

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



66.5535, -35.5064, 8.2120



66.5523, -33.6827, -10.4734



66.5535, -24.2552, -29.2928

Triad

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



66.5535, -33.6827, -10.4725



66.5535, 27.1588, -21.0320



66.5535, 1.5268, 29.3450

Complementary

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



66.5523, -33.6827, -10.4734



36.0424, 60.6338, 23.2686

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.



66.5535, 20.0328, 25.3040



66.5523, -33.6827, -10.4734



66.5535, 35.8598, -1.3187

Square

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



66.5535, -33.6827, -10.4725



66.5535, 10.4256, -36.4672



66.5535, 33.1176, 15.1815



66.5535, -16.4685, 28.1489

Rectangle

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



66.5523, -33.6827, -10.4734



66.5535, -14.2993, -37.7282



66.5535, 33.1176, 15.1815



66.5535, 7.9180, 28.6051

Sweetspot

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



66.5535, -33.6827, -10.4725



93.0596, -25.7977, -3.3852



65.7279, -56.2791, 39.3387



42.6894, -12.9908, -2.0469

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



66.5535, -33.6827, -10.4725



85.6059, -43.2977, -13.5327



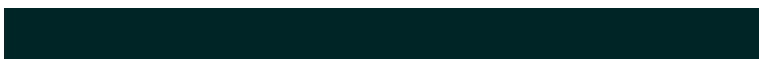
35.4751, 13.4554, -73.3827



35.5787, -4.5215, 0.8964



52.8273, -26.7558, -8.2714



12.0864, -6.1828, -1.7601

Inverse Universe

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



41.0729, 80.1474, -49.5423



52.8481, 103.1231, -63.6724



48.7205, 25.9416, 30.4739



33.7592, 2.6273, -1.0691



32.5887, 63.6038, -39.3647



7.4163, 14.4964, -9.1278

Previews

White Background



This preview shows how the HunterLab color 66.5523, -33.6827, -10.4734 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 66.5523, -33.6827, -10.4734 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

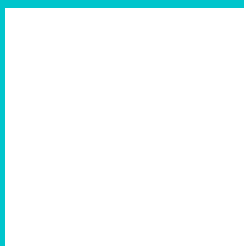
Any Text WCAG AAA ✓ Pass

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

HunterLab 66.5523, -33.6827, -10.4734 Background



This preview shows how black text looks on a background with the HunterLab color 66.5523, -33.6827, -10.4734.



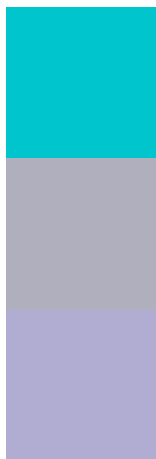
This preview shows how white text looks on a background with the HunterLab color 66.5523, -33.6827, -10.4734.

-33.6827, -10.4734.

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

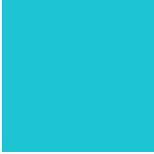
66.5523, -33.6827, -10.4734

Protanopia

65.9482, -0.9078, -3.1758

Deuteranopia

65.9209, 4.8444, -13.5490



Tritanopia

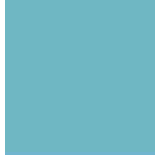
66.6935, -30.7937, -14.8159

Trichromacy



Original Color

66.5523, -33.6827, -10.4734



Protanomaly

64.1768, -19.5800, -8.4957



Deuteranomaly

64.0808, -15.7714, -15.4080



Tritanomaly

66.4920, -31.8036, -13.3726

Monochromacy



Original Color

66.5523, -33.6827, -10.4734



Achromatopsia

50.8117, -2.7112, 2.7607



Achromatomaly

54.6449, -19.8246, -4.2709

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 66.5523, -33.6827, -10.4734 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, 197, 204)` looks like.

```
.text, #text, p{  
    color:rgb(0, 197, 204)  
}
```

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, 197, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 197, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 66.5523, -33.6827, -10.4734 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, 197, 204) }
```


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

```
.border{ border-color:rgb(0, 197, 204) }
```

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

Here you see how a box with a 4 pixel rgb(0, 197, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 197, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 197, 204);  
box-shadow:4px 4px 4px 4px rgb(0, 197,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 66.5523, -33.6827, -10.4734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 197, 204) }
```

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

```
.background{ background-color: rgb(0, 197,  
204) }
```

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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