

Converting Colors

HunterLab(64.4553, -29.3237,
-17.2621)

Have a look what the booklet for
HunterLab(64.4553, -29.3237,
-17.2621) contains.

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Color

**HunterLab(64.4438,
-29.2065, -17.5007)**

Conversions

Conversions Part 1

Format	Color
Hex	00BED3
RGB	0, 190, 211
RGB Percent	0%, 75%, 83%
CMY	0.9998, 0.2549, 0.1725
CMYK	1.00, 0.10, 0.00, 0.17
HSL	186°, 100%, 41%
HSV	186°, 100%, 83%
XYZ	30.1713, 41.5300, 68.0539
YIQ	135.5840, -119.9810, -33.7490

Conversions

Conversions Part 2

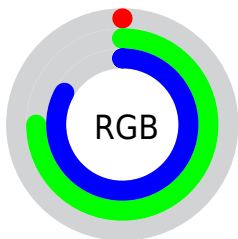
Format	Color
RYB	0, 100, 211
Decimal	48851
CIELab	70.55, -31.96, -21.78
CIELCh	71, 38.678, 214.274
Yxy	41.5315, 0.2159, 0.2972
Android (android.graphics.Color)	4278238931 (0xFF00BED3)
YUV	135.5840, 37.1801, -118.9072
Hunter-Lab	64.4438, -29.2065, -17.5007

Details

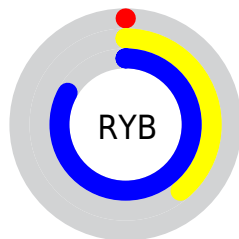
The HunterLab color **64.4438, -29.2065, -17.5007** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **37.9305, 61.3115, 24.4438**, and the grayscale version is **49.3515, -2.6333, 2.6814**.

A 20% lighter version of the original color is **87.6041, -36.8873, -10.6946**, and **44.7310, -19.1999, -14.4627** is the 20% darker color. If you saturate the color by 10%, you get **64.4431, -29.2052, -17.5025**, and if you desaturate by 10%, it is **65.2754, -29.6170, -16.2739**.

Distribution



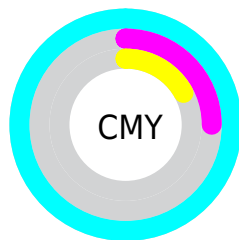
- Red (0%)
- Green (75%)
- Blue (83%)



- Red (0%)
- Yellow (39%)
- Blue (83%)



- Cyan (100%)
- Magenta (10%)
- Yellow (0%)
- Black (17%)



- Cyan (100%)
- Magenta (25%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.4438, -29.2065, -17.5007 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 64.4438, -29.2065, -17.5007 by changing the saturation by 10% instead.

64.4438, -29.2065,
-17.5007

64.4438, -29.2065,
-17.5007

187.7598,
-48.5048, -17.7072

53.6047, -26.8154,
-17.1995

88.0285, -33.7638,
-17.9145

43.4513, -24.3200,
-16.8352

100.7078,
-35.9604, -18.0346

34.0349, -21.6854,
-16.4089

113.9435,
-38.1162, -18.1005

25.4183, -18.8586,
-15.9318

127.7130,
-40.2389, -18.1149

17.6842, -15.7521,
-15.4405

141.9964,
-42.3346, -18.0805

10.9479, -13.7863,
-15.0578

156.7758,

2.4602, -4.3053,

-44.4083, -17.9997

-40.0471

172.0351,
-46.4639, -17.8746

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 64.4438, -29.2065,
-17.5007

■ 64.4438, -29.2065,
-17.5007

■ 64.4431, -29.2052,
-17.5025

■ 65.2754, -29.6170,
-16.2739

■ 66.2381, -29.5201,
-14.8654

■ 67.3710, -28.7729,
-13.2266

■ 68.6891, -27.3267,
-11.3482

■ 70.2014, -25.1631,

-9.2325

■ 71.9123, -22.2869,
-6.8896

■ 73.8224, -18.7210,
-4.3355

■ 75.9296, -14.5020,
-1.5895

■ 78.2296, -9.6757,
1.3270

Harmonies

Analogous

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



64.4450, -33.9706, 1.0501



64.4438, -29.2065, -17.5007



64.4450, -17.5499, -32.9724

Triad

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



64.4450, -29.2063, -17.4997



64.4450, 30.1466, -12.1742



64.4450, -5.9570, 28.1489

Complementary

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



64.4438, -29.2065, -17.5007



37.9305, 61.3115, 24.4438

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.



64.4450, 11.9945, 26.3768



64.4438, -29.2065, -17.5007



64.4450, 34.0995, 5.8726

Square

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



64.4450, -29.2063, -17.4997



64.4450, 16.8500, -29.3612



64.4450, 27.1379, 19.1967



64.4450, -21.4976, 24.9244

Rectangle

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



64.4438, -29.2065, -17.5007



64.4450, -6.8003, -37.6983



64.4450, 27.1379, 19.1967



64.4450, -0.0137, 28.1096

Sweetspot

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



64.4450, -29.2063, -17.4997



91.3791, -23.3637, -5.4864



68.2875, -58.3333, 40.5741



41.7973, -11.7218, -3.1747

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.4450, -29.2063, -17.4997



79.7499, -36.0653, -21.8259



34.1674, 19.8455, -85.5419



36.3284, -4.3490, 0.6949



50.1478, -22.7957, -13.4711



12.1063, -5.7013, -2.8245

Inverse Universe

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



41.9141, 80.6424, -41.6735



51.9150, 99.8691, -51.4378



52.9538, 21.8071, 33.0101



34.6236, 2.6040, -0.8234



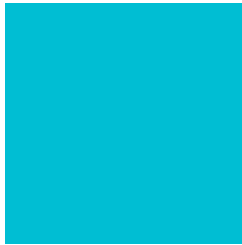
32.5730, 62.6963, -32.5488



7.7411, 14.9612, -8.2093

Previews

White Background



This preview shows how the HunterLab color 64.4438, -29.2065, -17.5007 looks on a white background.

Color Contrast Check

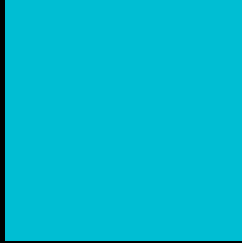
Large Text (above 18pt) WCAG AA × Fail

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 64.4438, -29.2065, -17.5007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

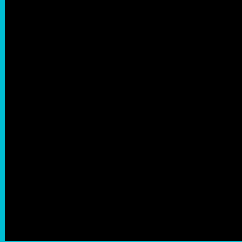
Any Text WCAG AA ✓ Pass

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 64.4438, -29.2065, -17.5007 Background



This preview shows how black text looks on a background with the HunterLab color 64.4438, -29.2065, -17.5007.



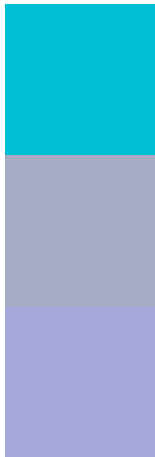
This preview shows how white text looks on a background with the HunterLab color 64.4438, -29.2065, -17.5007.

-29.2065, -17.5007.

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

64.4438, -29.2065, -17.5007

Protanopia

63.9435, 0.2588, -9.5729

Deuteranopia

64.0019, 4.8949, -20.6595



Tritanopia

64.5893, -30.7548, -14.3404

Trichromacy



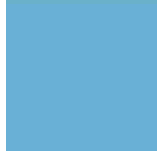
Original Color

64.4438, -29.2065, -17.5007



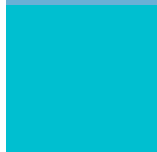
Protanomaly

62.2677, -16.2992, -15.1212



Deuteranomaly

62.3771, -13.3278, -22.2667



Tritanomaly

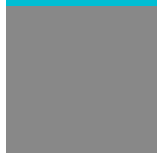
64.6650, -30.3084, -15.3986

Monochromacy



Original Color

64.4438, -29.2065, -17.5007



Achromatopsia

49.6187, -2.6475, 2.6959



Achromatomaly

53.3362, -18.2727, -5.9726

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.4438, -29.2065, -17.5007 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, 190, 211)` looks like.

```
.text, #text, p{  
    color:rgb(0, 190, 211)  
}
```

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, 190, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 190, 211) }
```

Border

The CSS property to change the border of an element to HunterLab 64.4438, -29.2065, -17.5007 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, 190, 211) }
```


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

```
.border{ border-color:rgb(0, 190, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 190, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 190, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 190, 211);  
box-shadow:4px 4px 4px 4px rgb(0, 190,  
211) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.4438, -29.2065, -17.5007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 190, 211) }
```

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

```
.background{ background-color: rgb(0, 190,  
211) }
```

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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