

Converting Colors

HunterLab(64.9765, -28.4774,
-19.7405)

Have a look what the booklet for
HunterLab(64.9765, -28.4774,
-19.7405) contains.

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Color

**HunterLab(64.9765,
-28.4774, -19.7405)**

Conversions

Conversions Part 1

Format	Color
Hex	00BFD8
RGB	0, 191, 216
RGB Percent	0%, 75%, 85%
CMY	0.9998, 0.2510, 0.1529
CMYK	1.00, 0.12, 0.00, 0.15
HSL	187°, 100%, 42%
HSV	187°, 100%, 85%
XYZ	31.0255, 42.2195, 71.4797
YIQ	136.7410, -121.8610, -32.7170

Conversions

Conversions Part 2

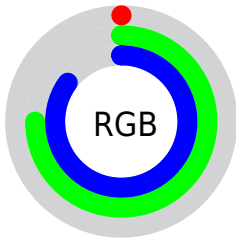
Format	Color
RYB	0, 101, 216
Decimal	49112
CIELab	71.02, -30.83, -23.78
CIELCh	71, 38.934, 217.651
Yxy	42.2210, 0.2144, 0.2917
Android (android.graphics.Color)	4278239192 (0xFF00BFD8)
YUV	136.7410, 39.0747, -119.9219
Hunter-Lab	64.9765, -28.4774, -19.7405

Details

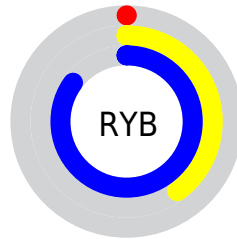
The HunterLab color **64.9765, -28.4774, -19.7405** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **39.1109, 62.3962, 25.1901**, and the grayscale version is **49.8041, -2.6574, 2.7060**.

A 20% lighter version of the original color is **87.9881, -37.2055, -10.1841**, and **45.2377, -18.4845, -16.6405** is the 20% darker color. If you saturate the color by 10%, you get **64.9754, -28.4756, -19.7429**, and if you desaturate by 10%, it is **65.9449, -29.0580, -18.2842**.

Distribution



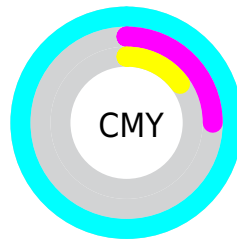
- Red (0%)
- Green (75%)
- Blue (85%)



- Red (0%)
- Yellow (40%)
- Blue (85%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (15%)



- Cyan (100%)
- Magenta (25%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.9765, -28.4774, -19.7405 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 64.9765, -28.4774, -19.7405 by changing the saturation by 10% instead.

64.9765, -28.4774,
-19.7405

64.9765, -28.4774,
-19.7405

188.5201,
-47.2885, -20.4630

54.1058, -26.1590,
-19.3827

88.6194, -32.9049,
-20.2711

43.9186, -23.7434,
-18.9652

101.3258,
-35.0427, -20.4499

34.4658, -21.1979,
-18.4921

114.5873,
-37.1428, -20.5742

25.8094, -18.4730,
-17.9802

128.3817,
-39.2127, -20.6465

18.0310, -15.4869,
-17.4790

142.6891,
-41.2579, -20.6693

11.2438, -13.2098,
-17.1432

157.4918,

3.3653, -5.8893,

-43.2832, -20.6449

-33.6126

172.7736,
-45.2923, -20.5755

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 64.9765, -28.4774,
-19.7405

■ 64.9765, -28.4774,
-19.7405

■ 64.9754, -28.4756,
-19.7429

■ 65.9449, -29.0580,
-18.2842

■ 67.0510, -29.1092,
-16.6399

■ 68.3342, -28.4871,
-14.7596

■ 69.8092, -27.1440,
-12.6362

■ 71.4843, -25.0635,

-10.2746

■ 73.3631, -22.2534,
-7.6877

■ 75.4454, -18.7395,
-4.8939

■ 77.7283, -14.5613,
-1.9146

■ 80.2066, -9.7665,
1.2277

Harmonies

Analogous

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



64.9777, -34.1129, -0.9626



64.9765, -28.4774, -19.7405



64.9777, -16.0153, -34.4939

Triad

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



64.9777, -28.4772, -19.7395



64.9777, 31.4244, -10.1458



64.9777, -7.9780, 28.2914

Complementary

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



64.9765, -28.4774, -19.7405



39.1109, 62.3962, 25.1901

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.



64.9777, 10.1046, 27.0705



64.9765, -28.4774, -19.7405



64.9777, 34.1719, 7.7360

Square

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



64.9777, -28.4772, -19.7395



64.9777, 18.8563, -27.9936



64.9777, 26.0034, 20.4895



64.9777, -23.1383, 24.4435

Rectangle

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



64.9765, -28.4774, -19.7405



64.9777, -4.8716, -38.2816



64.9777, 26.0034, 20.4895



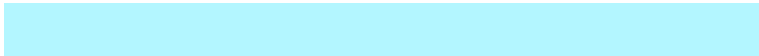
64.9777, -2.0575, 28.4363

Sweetspot

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



64.9777, -28.4772, -19.7395



90.9635, -22.7560, -6.0124



70.1208, -59.8393, 41.5337



41.5767, -11.4047, -3.4574

0.0000, NaN, NaN



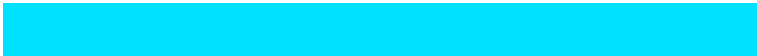
46.2646, -2.4686, 2.5136

Same Dimension

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



64.9777, -28.4772, -19.7395



78.3140, -34.2413, -23.9684



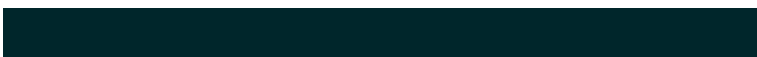
34.1803, 22.4766, -91.2374



37.2168, -4.3913, 0.6521



50.0909, -22.0383, -15.0350



12.5878, -5.7743, -3.2687

Inverse Universe

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



42.8508, 82.1550, -40.3591



51.6938, 99.0940, -48.5084



55.1941, 20.6503, 34.3703



35.5060, 2.6576, -0.7808



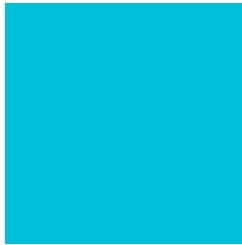
32.9815, 63.2634, -31.2572



8.1442, 15.6918, -8.2616

Previews

White Background



This preview shows how the HunterLab color 64.9765, -28.4774, -19.7405 looks on a white background.

Color Contrast Check

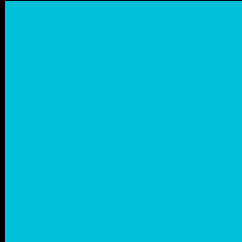
Large Text (above 18pt) WCAG AA × Fail

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 64.9765, -28.4774, -19.7405 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

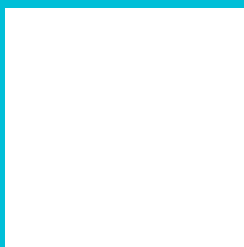
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.9765, -28.4774, -19.7405 Background



This preview shows how black text looks on a background with the HunterLab color 64.9765, -28.4774, -19.7405.



This preview shows how white text looks on a background with the HunterLab color 64.9765, -28.4774, -19.7405.

-28.4774, -19.7405.

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

64.9765, -28.4774, -19.7405

Protanopia

64.5024, 1.0243, -11.5977

Deuteranopia

64.4119, 5.1921, -23.1859



Tritanopia

64.9648, -30.9511, -14.3858

Trichromacy



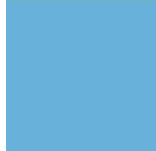
Original Color

64.9765, -28.4774, -19.7405



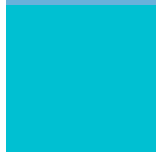
Protanomaly

62.7773, -15.6684, -17.3434



Deuteranomaly

62.8505, -12.8088, -24.7174



Tritanomaly

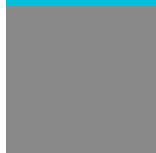
65.0787, -30.2794, -15.9781

Monochromacy



Original Color

64.9765, -28.4774, -19.7405



Achromatopsia

50.0158, -2.6687, 2.7175



Achromatomaly

53.7525, -18.1196, -6.9881

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.9765, -28.4774, -19.7405 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, 191, 216)` looks like.

```
.text, #text, p{  
    color:rgb(0, 191, 216)  
}
```

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, 191, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 191, 216) }
```

Border

The CSS property to change the border of an element to HunterLab 64.9765, -28.4774, -19.7405 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, 191, 216) }
```


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

```
.border{ border-color:rgb(0, 191, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 191, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 191, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 191, 216);  
box-shadow:4px 4px 4px 4px rgb(0, 191,  
216) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.9765, -28.4774, -19.7405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 191, 216) }
```

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

```
.background{ background-color: rgb(0, 191,  
216) }
```

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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