

# Converting Colors

HunterLab(70.0175, -23.2955,  
-35.9541)

Have a look what the booklet for  
HunterLab(70.0175, -23.2955,  
-35.9541) contains.

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# Color

**HunterLab(70.0175,  
-23.2955, -35.9541)**

# Conversions

## Conversions Part 1

Format	Color
Hex	15C9FD
RGB	21, 201, 253
RGB Percent	8%, 79%, 99%
CMY	0.9175, 0.2118, 0.0078
CMYK	0.92, 0.21, 0.00, 0.01
HSL	193°, 98%, 54%
HSV	193°, 92%, 99%
XYZ	38.9255, 49.0245, 100.3395
YIQ	153.1080, -123.9720, -21.9880

# Conversions

## Conversions Part 2

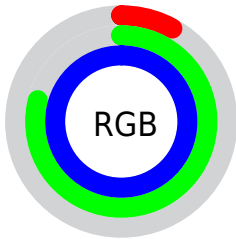
Format	Color
RYP	21, 122, 253
Decimal	1427965
CIELab	75.47, -22.94, -36.92
CIElCh	75, 43.471, 238.145
Yxy	49.0262, 0.2067, 0.2604
Android (android.graphics.Color)	4279618045 (0xFF15C9FD)
YUV	153.1080, 49.2468, -115.8587
Hunter-Lab	70.0175, -23.2955, -35.9541

# Details

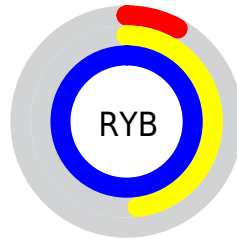
The HunterLab color **70.0175, -23.2955, -35.9541** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **50.7028, 62.7561, 31.5094**, and the grayscale version is **56.3322, -3.0057, 3.0606**.

A 20% lighter version of the original color is **90.8799, -38.6755, -6.3994**, and **49.8527, -14.2080, -31.6405** is the 20% darker color. If you saturate the color by 10%, you get **68.3378, -21.5511, -38.8936**, and if you desaturate by 10%, it is **72.2140, -24.7679, -32.2338**.

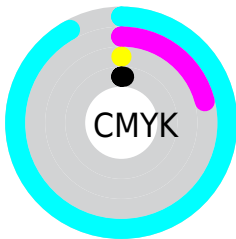
# Distribution



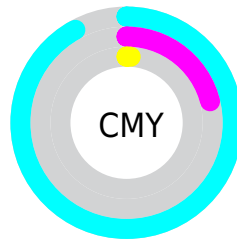
- Red (8%)
- Green (79%)
- Blue (99%)



- Red (8%)
- Yellow (48%)
- Blue (99%)



- Cyan (92%)
- Magenta (21%)
- Yellow (0%)
- Black (1%)



- Cyan (92%)
- Magenta (21%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.0175, -23.2955, -35.9541 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 70.0175, -23.2955, -35.9541 by changing the saturation by 10% instead.



70.0175, -23.2955,  
-35.9541

70.0175, -23.2955,  
-35.9541

195.6644,  
-38.8132, -39.5558

58.8560, -21.4649,  
-35.3277

94.1968, -26.8493,  
-37.0877

48.3590, -19.5832,  
-34.6827

107.1529,  
-28.5901, -37.5856

38.5729, -17.6314,  
-34.0494

120.6539,  
-30.3144, -38.0344

29.5539, -15.5817,  
-33.4925

134.6786,  
-32.0265, -38.4339

21.3736, -13.3896,  
-33.1558

149.2082,  
-33.7300, -38.7847

14.1289, -10.9772,  
-33.4029

164.2257,

7.7801, -13.2654,

-35.4275, -39.0878

-36.4770

179.7158,  
-37.1213, -39.3444

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 70.0175, -23.2955,  
-35.9541

■ 70.0175, -23.2955,  
-35.9541

■ 68.3378, -21.5511,  
-38.8936

■ 72.2140, -24.7679,  
-32.2338

■ 74.6431, -25.3910,  
-28.2649

■ 77.3187, -25.1186,  
-24.0570

■ 80.2443, -23.9495,  
-19.6358

■ 83.4168, -21.9121,

-15.0339

■ 86.8293, -19.0543,  
-10.2852

■ 90.4723, -15.4356,  
-5.4219

■ 94.3347, -11.1213,  
-0.4728

■ 98.4046, -6.1774,  
4.5372

# Harmonies

## Analogous

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



70.0187, -35.1287, -16.2131



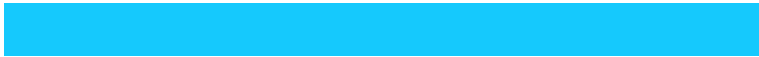
70.0175, -23.2955, -35.9541



70.0187, -5.0072, -44.7876

# Triad

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



70.0187, -23.2950, -35.9528



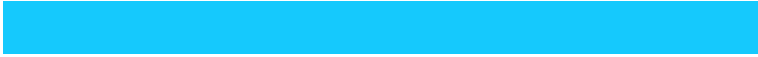
70.0187, 40.0216, 2.5905



70.0187, -21.3280, 29.4092

# Complementary

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



70.0175, -23.2955, -35.9541



50.7028, 62.7561, 31.5094

# 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.



70.0187, -2.4632, 31.8239



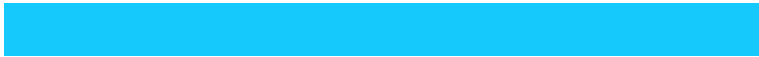
70.0175, -23.2955, -35.9541



70.0187, 34.3865, 19.2503

# Square

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



70.0187, -23.2950, -35.9528



70.0187, 32.8601, -18.9261



70.0187, 18.2292, 28.7077



70.0187, -34.0880, 20.8085



# Rectangle

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



70.0175, -23.2955, -35.9541



70.0187, 8.9225, -41.8269



70.0187, 18.2292, 28.7077



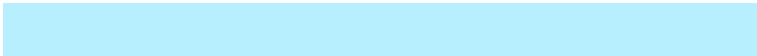
70.0187, -15.5617, 30.8403

# Sweetspot

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



70.0187, -23.2950, -35.9528



88.9329, -17.9709, -8.5879



84.1843, -69.7543, 46.4187



40.4261, -8.9918, -4.9461

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

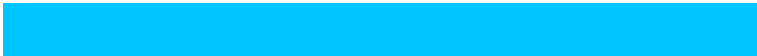


# Same Dimension

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



70.0187, -23.2950, -35.9528



68.9443, -21.7339, -39.2571



37.4568, 36.5709, -123.3763



44.4410, -4.7136, 0.2857



50.0708, -16.0374, -27.9640



16.1324, -5.7048, -7.8490



# Inverse Universe

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



50.6339, 92.3103, -31.8903



50.3286, 94.2751, -30.1596



75.2307, 7.0874, 45.9201



42.6926, 3.0896, -0.4175



36.4128, 68.2625, -22.2421

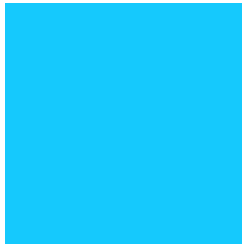


11.4336, 21.5539, -7.9100



# Previews

## White Background



This preview shows how the HunterLab color 70.0175, -23.2955, -35.9541 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

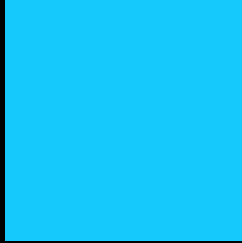
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 70.0175, -23.2955, -35.9541 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

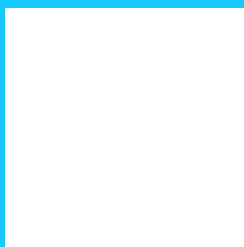
Any Text WCAG AAA ✓ Pass

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

## HunterLab 70.0175, -23.2955, -35.9541 Background



This preview shows how black text looks on a background with the HunterLab color 70.0175, -23.2955, -35.9541.



This preview shows how white text looks on a background with the HunterLab color 70.0175,

-23.2955, -35.9541.

# 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

70.0175, -23.2955, -35.9541

### Protanopia

69.3707, 3.8360, -26.9816

### Deuteranopia

69.4644, 5.5738, -37.8495



## Tritanopia

69.9165, -33.2972, -15.5104

# Trichromacy



## Original Color

70.0175, -23.2955, -35.9541



## Protanomaly

68.2434, -10.6235, -32.4936



## Deuteranomaly

68.4587, -8.9424, -39.1804



## Tritanomaly

70.0861, -29.9420, -22.5532

# Monochromacy



## Original Color

70.0175, -23.2955, -35.9541



## Achromatopsia

56.4399, -3.0115, 3.0665



## Achromatomaly

59.5204, -16.0339, -11.5622

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 70.0175, -23.2955, -35.9541 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(21, 201, 253)` looks like.

```
.text, #text, p{  
    color:rgb(21, 201, 253)  
}
```

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(21, 201, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 201, 253) }
```

## Border

The CSS property to change the border of an element to HunterLab 70.0175, -23.2955, -35.9541 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(21, 201, 253) }
```



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

```
.border{ border-color:rgb(21, 201, 253) }
```

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

Here you see how a box with a 4 pixel rgb(21, 201, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 201, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 201, 253);  
box-shadow:4px 4px 4px 4px rgb(21, 201,  
253) }
```

# Background

The CSS property to change the background color of an element to HunterLab 70.0175, -23.2955, -35.9541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 201, 253) }
```

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

```
.background{ background-color: rgb(21, 201,  
253) }
```

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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