

Converting Colors

HunterLab(70.1330, -31.0567,
-20.6176)

Have a look what the booklet for
HunterLab(70.1330, -31.0567,
-20.6176) contains.

HunterLab(70.2679, -31.2287, -20.4151)	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(70.2679,
-31.2287, -20.4151)**

Conversions

Conversions Part 1

Format	Color
Hex	00CDE6
RGB	0, 205, 230
RGB Percent	0%, 80%, 90%
CMY	0.9998, 0.1961, 0.0980
CMYK	1.00, 0.11, 0.00, 0.10
HSL	187°, 100%, 45%
HSV	187°, 100%, 90%
XYZ	36.1142, 49.3758, 82.4900
YIQ	146.5550, -130.2050, -35.6850

Conversions

Conversions Part 2

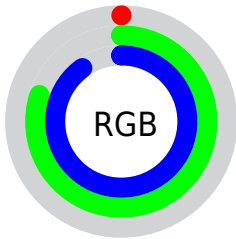
Format	Color
RYB	0, 108, 230
Decimal	52710
CIELab	75.69, -33.05, -24.25
CIELCh	76, 40.986, 216.268
Yxy	49.3776, 0.2150, 0.2939
Android (android.graphics.Color)	4278242790 (0xFF00CDE6)
YUV	146.5550, 41.1384, -128.5287
Hunter-Lab	70.2679, -31.2287, -20.4151

Details

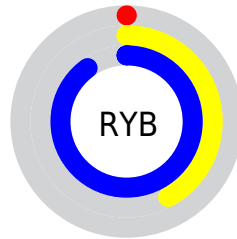
The HunterLab color **70.2679, -31.2287, -20.4151** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **41.8581, 67.4000, 26.9704**, and the grayscale version is **53.7217, -2.8665, 2.9188**.

A 20% lighter version of the original color is **90.5842, -39.8161, -6.8030**, and **49.8685, -20.8849, -17.2467** is the 20% darker color. If you saturate the color by 10%, you get **70.2668, -31.2268, -20.4176**, and if you desaturate by 10%, it is **71.2502, -31.8113, -18.9499**.

Distribution



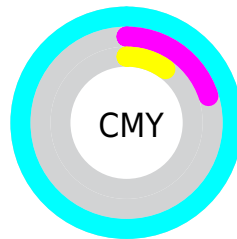
- Red (0%)
- Green (80%)
- Blue (90%)



- Red (0%)
- Yellow (42%)
- Blue (90%)



- Cyan (100%)
- Magenta (11%)
- Yellow (0%)
- Black (10%)



- Cyan (100%)
- Magenta (20%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.2679, -31.2287, -20.4151 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 70.2679, -31.2287, -20.4151 by changing the saturation by 10% instead.

70.2679, -31.2287,
-20.4151

70.2679, -31.2287,
-20.4151

196.0170,
-50.8172, -21.0471

59.0924, -28.8181,
-20.0725

94.4732, -35.8394,
-20.9182

48.5804, -26.3115,
-19.6703

107.4414,
-38.0669, -21.0851

38.7783, -23.6792,
-19.2105

120.9541,
-40.2553, -21.1986

29.7418, -20.8768,
-18.7043

134.9900,
-42.4117, -21.2612

21.5423, -17.8346,
-18.1842

149.5304,
-44.5419, -21.2752

14.2760, -14.4327,
-17.7457

164.5584,

7.9337, -13.8839,

-46.6504, -21.2428

-18.2621

180.0586,
-48.7411, -21.1662

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 70.2679, -31.2287,
-20.4151

■ 70.2679, -31.2287,
-20.4151

■ 70.2668, -31.2268,
-20.4176

■ 71.2502, -31.8113,
-18.9499

■ 72.3812, -31.8208,
-17.2797

■ 73.7021, -31.1064,
-15.3543

■ 75.2295, -29.6139,
-13.1642

■ 76.9731, -27.3236,

-10.7132

■ 78.9372, -24.2419,
-8.0141

■ 81.1223, -20.3955,
-5.0858

■ 83.5254, -15.8262,
-1.9508

■ 86.1412, -10.5856,
1.3666

Harmonies

Analogous

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



70.2692, -36.9538, -0.1377



70.2679, -31.2287, -20.4151



70.2692, -18.0670, -36.7502

Triad

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



70.2692, -31.2285, -20.4140



70.2692, 33.5290, -11.9093



70.2692, -7.7573, 30.6363

Complementary

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



70.2679, -31.2287, -20.4151



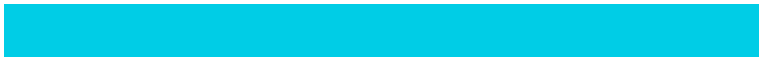
41.8581, 67.4000, 26.9704

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.



70.2692, 11.8069, 29.0662



70.2679, -31.2287, -20.4151



70.2692, 37.0497, 7.5694

Square

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



70.2692, -31.2285, -20.4140



70.2692, 19.5635, -30.9857



70.2692, 28.7236, 21.6606



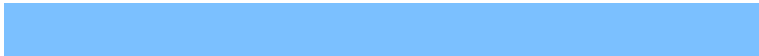
70.2692, -24.3773, 26.7413

Rectangle

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



70.2679, -31.2287, -20.4151



70.2692, -6.1511, -41.2813



70.2692, 28.7236, 21.6606



70.2692, -1.3226, 30.7112

Sweetspot

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



70.2692, -31.2285, -20.4140



91.1439, -23.0201, -5.7838



75.2707, -64.2490, 44.6160



41.6725, -11.5425, -3.3345

0.0000, NaN, NaN



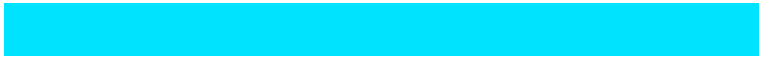
46.2646, -2.4686, 2.5136

Same Dimension

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



70.2692, -31.2285, -20.4140



78.9367, -35.0350, -23.0336



36.5705, 24.4160, -98.4113



40.0682, -4.7810, 0.7169



52.9747, -23.6284, -15.2068



14.6654, -6.7572, -3.7436

Inverse Universe

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



46.0786, 88.4698, -44.3775



51.7894, 99.4290, -49.7752



59.1668, 22.3402, 36.8478



38.1927, 2.9129, -0.8984



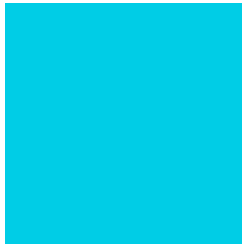
34.6853, 66.6258, -33.6028



9.4699, 18.2554, -9.6779

Previews

White Background



This preview shows how the HunterLab color 70.2679, -31.2287, -20.4151 looks on a white background.

Color Contrast Check

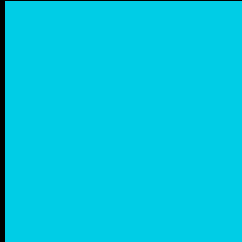
Large Text (above 18pt) WCAG AA × Fail

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 70.2679, -31.2287, -20.4151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

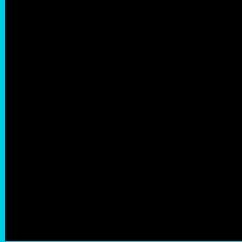
Any Text WCAG AA ✓ Pass

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 70.2679, -31.2287, -20.4151 Background



This preview shows how black text looks on a background with the HunterLab color 70.2679, -31.2287, -20.4151.



This preview shows how white text looks on a background with the HunterLab color 70.2679, -31.2287, -20.4151.

-31.2287, -20.4151.

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

70.2679, -31.2287, -20.4151

Protanopia

69.8362, 0.4651, -11.5404

Deuteranopia

69.8578, 5.1373, -23.5714



Tritanopia

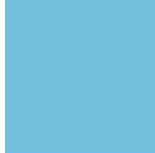
70.2969, -33.4962, -15.5564

Trichromacy



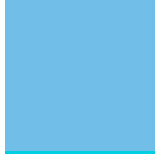
Original Color

70.2679, -31.2287, -20.4151



Protanomaly

68.1498, -17.8788, -17.2269



Deuteranomaly

67.9859, -14.1334, -25.5852



Tritanomaly

70.4123, -32.8160, -17.1689

Monochromacy



Original Color

70.2679, -31.2287, -20.4151



Achromatopsia

54.0158, -2.8821, 2.9348



Achromatomaly

57.9304, -19.5560, -7.2172

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.2679, -31.2287, -20.4151 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, 205, 230)` looks like.

```
.text, #text, p{  
    color:rgb(0, 205, 230)  
}
```

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, 205, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 205, 230) }
```

Border

The CSS property to change the border of an element to HunterLab 70.2679, -31.2287, -20.4151 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, 205, 230) }
```


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

```
.border{ border-color:rgb(0, 205, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 205, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 205, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 205, 230);  
box-shadow:4px 4px 4px 4px rgb(0, 205,  
230) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.2679, -31.2287, -20.4151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 205, 230) }
```

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

```
.background{ background-color: rgb(0, 205,  
230) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor