

Converting Colors

HunterLab(67.2865, -29.2975,
-7.7426)

Have a look what the booklet for
HunterLab(67.2865, -29.2975,
-7.7426) contains.

HunterLab(67.2865, -29.2975, -7.7426)	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(67.2865,
-29.2975, -7.7426)**

Conversions

Conversions Part 1

Format	Color
Hex	4DC4C9
RGB	77, 196, 201
RGB Percent	30%, 77%, 79%
CMY	0.6980, 0.2314, 0.2118
CMYK	0.62, 0.02, 0.00, 0.21
HSL	182°, 53%, 55%
HSV	182°, 62%, 79%
XYZ	33.3431, 45.2747, 62.2399
YIQ	160.9890, -72.5290, -23.6730

Conversions

Conversions Part 2

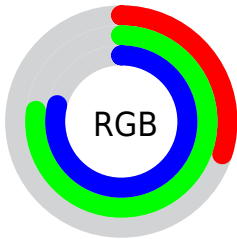
Format	Color
RYB	77, 138, 201
Decimal	5096649
CIELab	73.07, -31.30, -12.41
CIELCh	73, 33.668, 201.629
Yxy	45.2764, 0.2367, 0.3214
Android (android.graphics.Color)	4283286729 (0xFF4DC4C9)
YUV	160.9890, 19.7254, -73.6584
Hunter-Lab	67.2865, -29.2975, -7.7426

Details

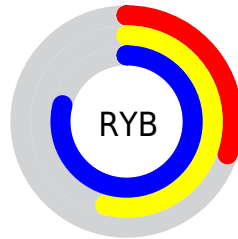
The HunterLab color **67.2865, -29.2975, -7.7426** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **43.5763, 40.2606, 18.0016**, and the grayscale version is **59.6395, -3.1822, 3.2403**.

A 20% lighter version of the original color is **91.0821, -34.3158, -6.0614**, and **46.3169, -23.4797, -7.2062** is the 20% darker color. If you saturate the color by 10%, you get **66.4838, -31.0131, -8.8559**, and if you desaturate by 10%, it is **68.2731, -26.9042, -6.3898**.

Distribution



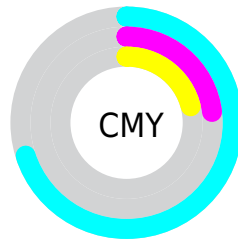
- Red (30%)
- Green (77%)
- Blue (79%)



- Red (30%)
- Yellow (54%)
- Blue (79%)



- Cyan (62%)
- Magenta (2%)
- Yellow (0%)
- Black (21%)



- Cyan (70%)
- Magenta (23%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.2865, -29.2975, -7.7426 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 67.2865, -29.2975, -7.7426 by changing the saturation by 10% instead.

67.2865, -29.2975,
-7.7426

67.2865, -29.2975,
-7.7426

191.8051,
-48.2454, -5.0987

56.2807, -26.9686,
-7.7888

91.1784, -33.7524,
-7.4756

45.9495, -24.5450,
-7.7719

104.0006,
-35.9050, -7.2651

36.3415, -21.9964,
-7.6848

117.3732,
-38.0206, -7.0073

27.5159, -19.2768,
-7.5209

131.2743,
-40.1061, -6.7053

19.5496, -16.3114,
-7.2740

145.6847,
-42.1672, -6.3613

12.5476, -13.2575,
-6.9455

160.5868,

5.8332, -10.2081,

-44.2083, -5.9777

-8.7728

175.9651,
-46.2334, -5.5562

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 67.2865, -29.2975,
-7.7426

■ 67.2865, -29.2975,
-7.7426

■ 66.4838, -31.0131,
-8.8559

■ 68.2731, -26.9042,
-6.3898

■ 65.8491, -32.0814,
-9.7407

■ 69.4476, -23.8242,
-4.8006

■ 65.3660, -32.5614,
-10.4145


■ 70.8154, -20.0689,
-2.9808


■ 65.0480, -32.6341,
-10.8568


■ 72.3778, -15.6647,
-0.9422


■ 74.1334, -10.6501,

1.2993

 76.0788, -5.0718,
3.7258

 78.2088, 1.0188,
6.3178

 80.5171, 7.5682,
9.0558

 82.6611, 13.4309,
11.5350

Harmonies

Analogous

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



67.2878, -30.8031, 7.6904



67.2865, -29.2975, -7.7426



67.2878, -21.2401, -22.8060

Triad

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



67.2878, -29.2977, -7.7416



67.2878, 21.6076, -16.5943



67.2878, 0.8343, 26.2401

Complementary

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



67.2865, -29.2975, -7.7426



43.5763, 40.2606, 18.0016

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.



67.2878, 16.0819, 22.4318



67.2865, -29.2975, -7.7426



67.2878, 28.7708, -0.6306

Square

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



67.2878, -29.2977, -7.7416



67.2878, 7.8376, -28.6746



67.2878, 26.6615, 13.3651



67.2878, -14.3098, 25.1755

Rectangle

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



67.2865, -29.2975, -7.7426



67.2878, -12.7999, -29.4825



67.2878, 26.6615, 13.3651



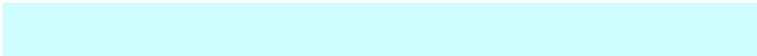
67.2878, 6.1353, 25.5259

Sweetspot

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



67.2878, -29.2977, -7.7416



95.2370, -18.9784, -0.5459



66.2934, -47.5183, 33.0310



43.7664, -9.6188, -0.6322

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.2878, -29.2977, -7.7416



86.6898, -41.1388, -12.0077



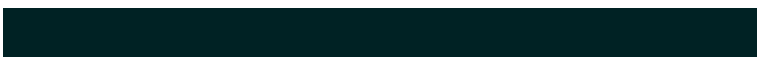
48.0490, -1.4286, -38.6044



34.6286, -4.3691, 0.8567



51.6116, -25.9162, -8.5643



11.3339, -5.7642, -1.7231

Inverse Universe

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



46.5962, 59.0705, -36.7075



56.5078, 90.8168, -56.2529



57.1312, 10.2194, 28.0951



32.8770, 2.5350, -1.0071



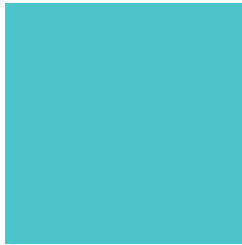
31.9829, 62.3424, -38.0203



6.9764, 13.6244, -8.4927

Previews

White Background



This preview shows how the HunterLab color 67.2865, -29.2975, -7.7426 looks on a white background.

Color Contrast Check

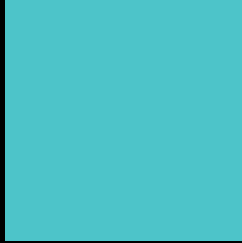
Large Text (above 18pt) WCAG AA × Fail

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 67.2865, -29.2975, -7.7426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

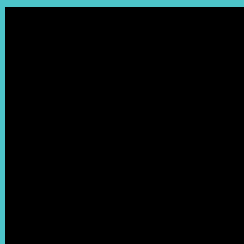
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

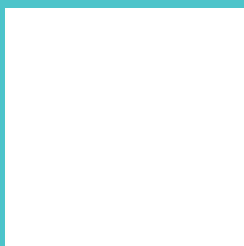
Any Text WCAG AAA ✓ Pass

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

HunterLab 67.2865, -29.2975, -7.7426 Background



This preview shows how black text looks on a background with the HunterLab color 67.2865, -29.2975, -7.7426.



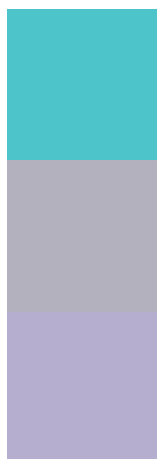
This preview shows how white text looks on a background with the HunterLab color 67.2865, -29.2975, -7.7426.

-29.2975, -7.7426.

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

67.2865, -29.2975, -7.7426

Protanopia

66.7708, -1.1807, -1.6270

Deuteranopia

66.8382, 4.7285, -10.5300



Tritanopia

67.4038, -26.4836, -12.5629

Trichromacy



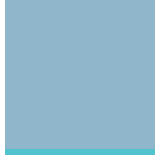
Original Color

67.2865, -29.2975, -7.7426



Protanomaly

66.1770, -13.9845, -4.6684



Deuteranomaly

66.1399, -10.1434, -10.6328



Tritanomaly

67.2612, -27.2489, -11.0666

Monochromacy



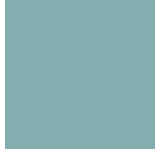
Original Color

67.2865, -29.2975, -7.7426



Achromatopsia

59.6993, -3.1854, 3.2436



Achromatomaly

61.7677, -15.1024, -1.6301

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.2865, -29.2975, -7.7426 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(77, 196, 201)` looks like.

```
.text, #text, p{  
    color:rgb(77, 196, 201)  
}
```

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(77, 196, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 196, 201) }
```

Border

The CSS property to change the border of an element to HunterLab 67.2865, -29.2975, -7.7426 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(77, 196, 201) }
```


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

```
.border{ border-color:rgb(77, 196, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(77, 196, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 196, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 196, 201);  
box-shadow:4px 4px 4px 4px rgb(77, 196,  
201) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.2865, -29.2975, -7.7426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 196, 201) }
```

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

```
.background{ background-color: rgb(77, 196,  
201) }
```

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