

Converting Colors

HunterLab(74.7792, -29.4225,
11.7488)

Have a look what the booklet for
HunterLab(74.7792, -29.4225,
11.7488) contains.

HunterLab(74.7777, -29.4214, 11.7479)	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(74.7777,
-29.4214, 11.7479)**

Conversions

Conversions Part 1

Format	Color
Hex	8CD4B3
RGB	140, 212, 179
RGB Percent	55%, 83%, 70%
CMY	0.4510, 0.1686, 0.2980
CMYK	0.34, 0.00, 0.16, 0.17
HSL	152°, 46%, 69%
HSV	152°, 34%, 83%
XYZ	42.4953, 55.9170, 51.2011
YIQ	186.7100, -32.3190, -25.5270

Conversions

Conversions Part 2

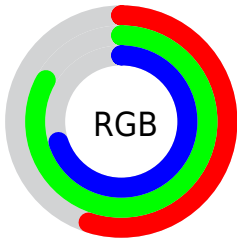
Format	Color
RYB	140, 187, 212
Decimal	9229491
CIELab	79.57, -29.60, 9.24
CIELCh	80, 31.007, 162.653
Yxy	55.9193, 0.2840, 0.3737
Android (android.graphics.Color)	4287419571 (0xFF8CD4B3)
YUV	186.7100, -3.8010, -40.9647
Hunter-Lab	74.7777, -29.4214, 11.7479

Details

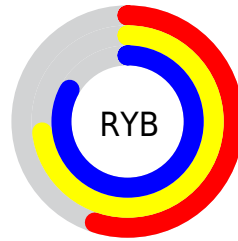
The HunterLab color **74.7777, -29.4214, 11.7479** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **59.8094, 26.8719, -1.8693**, and the grayscale version is **70.3980, -3.7563, 3.8249**.

A 20% lighter version of the original color is **94.4743, -26.4205, 8.4262**, and **52.5800, -24.9557, 9.7050** is the 20% darker color. If you saturate the color by 10%, you get **73.3977, -35.2698, 14.1753**, and if you desaturate by 10%, it is **76.3865, -22.8232, 9.4248**.

Distribution



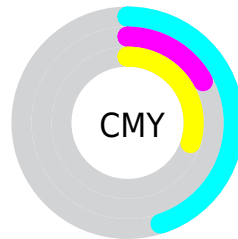
- Red (55%)
- Green (83%)
- Blue (70%)



- Red (55%)
- Yellow (73%)
- Blue (83%)



- Cyan (34%)
- Magenta (0%)
- Yellow (16%)
- Black (17%)





- Cyan (45%)
- Magenta (17%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 74.7777, -29.4214, 11.7479 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 74.7777, -29.4214, 11.7479 by changing the saturation by 10% instead.


 74.7777, -29.4214,
11.7479


 74.7777, -29.4214,
11.7479


202.3333,
-47.5201, 22.0125


 63.3548, -27.2389,
10.6657


 99.4418, -33.6318,
13.9404

 52.5798, -24.9827,
9.5871


 112.6240,
-35.6784, 15.0526

 42.4962, -22.6315,
8.5084


 126.3422,
-37.6964, 16.1774

 33.1550, -20.1525,
7.4222

140.5761,
-39.6913, 17.3157

 24.6208, -17.4955,
6.3168

155.3077,
-41.6678, 18.4679

 16.9785, -14.5763,
5.1716

170.5207,

 10.3480, -13.2056,

-43.6295, 19.6346

4.3388

186.2004,
-45.5794, 20.8161

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 74.7777, -29.4214,
11.7479

■ 74.7777, -29.4214,
11.7479

■ 73.3977, -35.2698,
14.1753

■ 76.3865, -22.8232,
9.4248

■ 72.2402, -40.3188,
16.6752

■ 78.2180, -15.5326,
7.2279

■ 71.3016, -44.5425,
19.2153

■ 80.2695, -7.6205,
5.1774

■ 70.5721, -47.9390,
21.7594


■ 82.5349, 0.8394,
3.2873


■ 70.0371, -50.5366,


■ 85.0065, 9.7729,


24.2695


1.5667

 69.6750, -52.4010,
26.7056

 86.3025, 14.6733,
-1.7678

 69.5147, -53.2719,
28.1115

 86.6405, 16.4460,
-6.5545

 86.9304, 17.9613,
-10.6457

Harmonies

Analogous

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



74.7792, -22.4324, 21.4683



74.7777, -29.4214, 11.7479



74.7792, -29.9448, -2.1487

Triad

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



74.7792, -29.4225, 11.7488



74.7792, 2.3855, -27.7022



74.7792, 18.2646, 20.2817

Complementary

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



74.7777, -29.4214, 11.7479



59.8094, 26.8719, -1.8693

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.



74.7792, 26.0627, 9.7975



74.7777, -29.4214, 11.7479



74.7792, 16.4243, -18.8756

Square

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



74.7792, -29.4225, 11.7488



74.7792, -12.3458, -26.8956



74.7792, 25.3640, -4.5198



74.7792, 4.7411, 25.6913

Rectangle

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



74.7777, -29.4214, 11.7479



74.7792, -26.6190, -12.1776



74.7792, 25.3640, -4.5198



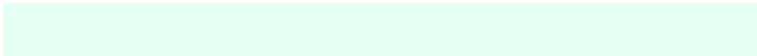
74.7792, 21.6883, 17.3325

Sweetspot

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



74.7792, -29.4225, 11.7488



97.3398, -15.4675, 7.9106



76.1155, -26.1578, 27.1170



44.8710, -7.7881, 3.8282

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



74.7792, -29.4225, 11.7488



90.8601, -41.7353, 16.7034



74.9848, -22.5575, -3.4420



37.4264, -5.6842, 2.9700



54.6364, -41.7398, 21.8135



13.4801, -9.8694, 4.4562

Inverse Universe

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



59.8094, 26.8719, -1.8693



68.7830, 41.7059, -3.1323



59.4618, 20.8799, 12.2656



35.3759, 1.9601, 1.0691



30.3243, 53.7598, 5.4201



7.5580, 13.6054, -0.2488

Previews

White Background



This preview shows how the HunterLab color 74.7777, -29.4214, 11.7479 looks on a white background.

Color Contrast Check

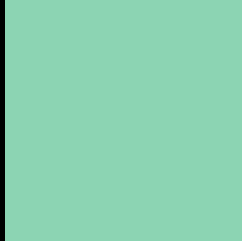
Large Text (above 18pt) WCAG AA × Fail

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 74.7777, -29.4214, 11.7479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

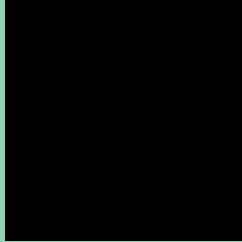
Any Text WCAG AA ✓ Pass

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 74.7777, -29.4214, 11.7479 Background



This preview shows how black text looks on a background with the HunterLab color 74.7777, -29.4214, 11.7479.



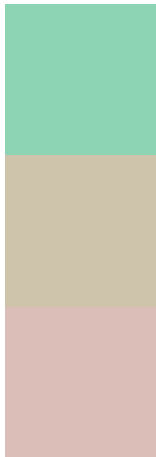
This preview shows how white text looks on a background with the HunterLab color 74.7777, -29.4214, 11.7479.

-29.4214, 11.7479.

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

74.7777, -29.4214, 11.7479

Protanopia

74.5265, -4.5715, 15.1916

Deuteranopia

74.5005, 5.1883, 9.9087



Tritanopia

74.7035, -16.8726, -9.1119

Trichromacy



Original Color

74.7777, -29.4214, 11.7479

Protanomaly

74.3251, -14.6667, 13.5981

Deuteranomaly

74.0553, -8.7813, 10.0467

Tritanomaly

74.6183, -21.6174, -0.7963

Monochromacy



Original Color

74.7777, -29.4214, 11.7479

Achromatopsia

70.4935, -3.7614, 3.8300

Achromatomaly

71.7542, -13.7016, 6.5044

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 74.7777, -29.4214, 11.7479 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(140, 212, 179)` looks like.

```
.text, #text, p{  
    color:rgb(140, 212, 179)  
}
```

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(140, 212, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 212, 179) }
```

Border

The CSS property to change the border of an element to HunterLab 74.7777, -29.4214, 11.7479 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(140, 212, 179) }
```


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

```
.border{ border-color:rgb(140, 212, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 212, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 212, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 212, 179);  
box-shadow:4px 4px 4px 4px rgb(140, 212,  
179) }
```

Background

The CSS property to change the background color of an element to HunterLab 74.7777, -29.4214, 11.7479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 212, 179) }
```

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

```
.background{ background-color: rgb(140,  
212, 179) }
```

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