

Converting Colors

HunterLab(77.0682, -28.1456,
5.3905)

Have a look what the booklet for
HunterLab(77.0682, -28.1456,
5.3905) contains.

HunterLab(77.0791, -28.1158, 5.4410)	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(77.0791,
-28.1158, 5.4410)**

Conversions

Conversions Part 1

Format	Color
Hex	8DD9C7
RGB	141, 217, 199
RGB Percent	55%, 85%, 78%
CMY	0.4470, 0.1490, 0.2196
CMYK	0.35, 0.00, 0.08, 0.15
HSL	166°, 50%, 70%
HSV	166°, 35%, 85%
XYZ	46.1061, 59.4119, 63.0704
YIQ	192.2240, -39.5180, -21.7100

Conversions

Conversions Part 2

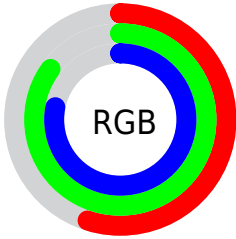
Format	Color
RYB	141, 184, 217
Decimal	9296327
CIELab	81.52, -27.47, 1.42
CIElCh	82, 27.506, 177.050
Yxy	59.4143, 0.2735, 0.3524
Android (android.graphics.Color)	4287486407 (0xFF8DD9C7)
YUV	192.2240, 3.3406, -44.9234
Hunter-Lab	77.0791, -28.1158, 5.4410

Details

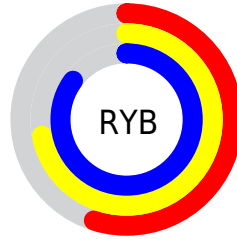
The HunterLab color $77.0791, -28.1158, 5.4410$ is a light color, and the websafe version is hex $66CCCC$. A complement of this color would be $60.2546, 26.0867, 5.3073$, and the grayscale version is $72.6971, -3.8789, 3.9498$.

A 20% lighter version of the original color is $95.1895, -22.4982, -0.6662$, and $54.6912, -24.0315, 4.2391$ is the 20% darker color. If you saturate the color by 10%, you get $75.8023, -33.3160, 6.2686$, and if you desaturate by 10%, it is $78.5808, -22.1820, 4.8628$.

Distribution



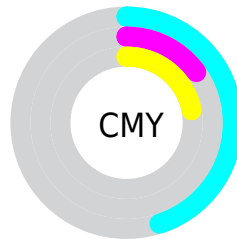
- Red (55%)
- Green (85%)
- Blue (78%)



- Red (55%)
- Yellow (72%)
- Blue (85%)



- Cyan (35%)
- Magenta (0%)
- Yellow (8%)
- Black (15%)



- Cyan (45%)
- Magenta (15%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.0791, -28.1158, 5.4410 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 77.0791, -28.1158, 5.4410 by changing the saturation by 10% instead.

■ 77.0791, -28.1158,
5.4410

■ 77.0791, -28.1158,
5.4410

205.5323,
-45.3361, 12.9229

■ 65.5337, -26.0632,
4.7467

■ 101.9704,
-32.0931, 6.9207

■ 54.6290, -23.9490,
4.0824

■ 115.2588,
-34.0337, 7.7019

■ 44.4068, -21.7552,
3.4503

129.0791,
-35.9514, 8.5098

■ 34.9162, -19.4544,
2.8521

143.4115,
-37.8510, 9.3435

■ 26.2187, -17.0047,
2.2894

158.2383,
-39.7363, 10.2024

■ 18.3944, -14.3371,
1.7639

173.5435,

■ 11.5546, -11.8561,

-41.6106, 11.0857

1.2769

189.3126,
-43.4764, 11.9927

■ 4.1005, -7.1758,
1.6542

0.0000, NaN, NaN

■ 77.0791, -28.1158,
5.4410

■ 77.0791, -28.1158,
5.4410

■ 75.8023, -33.3160,
6.2686

■ 78.5808, -22.1820,
4.8628

■ 74.7425, -37.7476,
7.3301

■ 80.3028, -15.5590,
4.5373

■ 73.8941, -41.3996,
8.6077

■ 82.2442, -8.3058,
4.4665

■ 73.2459, -44.2838,
10.0761

■ 84.4001, -0.4867,
4.6462

■ 72.7817, -46.4409,
11.7037

■ 86.7642, 7.8314,
5.0686

■ 72.4781, -47.9474,
13.4520

■ 87.5169, 10.6557,
3.4753

■ 72.3646, -48.5421,
14.3391

■ 87.6840, 11.5413,
1.0957

■ 87.8557, 12.4494,
-1.3441

■ 88.0320, 13.3798,
-3.8442

Harmonies

Analogous

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



77.0807, -24.4989, 16.3321



77.0791, -28.1158, 5.4410



77.0807, -25.6748, -7.7574

Triad

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



77.0807, -28.1168, 5.4420



77.0807, 7.9091, -20.8776



77.0807, 10.3496, 22.0046

Complementary

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



77.0791, -28.1158, 5.4410



60.2546, 26.0867, 5.3073

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.



77.0807, 20.1060, 14.4962



77.0791, -28.1158, 5.4410



77.0807, 18.6310, -10.3045

Square

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



77.0807, -28.1168, 5.4420



77.0807, -5.4338, -24.3956



77.0807, 23.2339, 2.9282



77.0807, -2.7913, 24.8175

Rectangle

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



77.0791, -28.1158, 5.4410



77.0807, -20.8411, -15.9058



77.0807, 23.2339, 2.9282



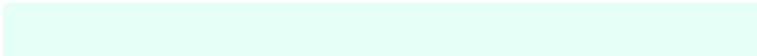
77.0807, 14.1670, 20.0162

Sweetspot

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



77.0807, -28.1168, 5.4420



97.2842, -15.3486, 5.3773



76.8276, -31.9416, 27.3339



44.8635, -7.6442, 2.4966

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.0807, -28.1168, 5.4420



91.3778, -38.4356, 7.2352



71.4582, -15.8789, -10.7153



38.4370, -5.4719, 2.1101



56.3167, -37.6740, 10.9365



14.3795, -9.3136, 2.1322

Inverse Universe

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



60.2546, 26.0867, 5.3073



67.4062, 39.2928, 7.3285



64.6669, 13.7947, 16.9840



36.1964, 1.6613, 2.0472



30.1505, 52.1663, 15.3534



7.7614, 13.5991, 2.6315

Previews

White Background



This preview shows how the HunterLab color 77.0791, -28.1158, 5.4410 looks on a white background.

Color Contrast Check

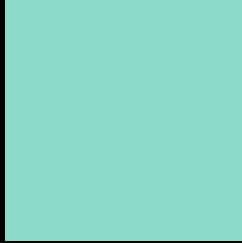
Large Text (above 18pt) WCAG AA × Fail

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 77.0791, -28.1158, 5.4410 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

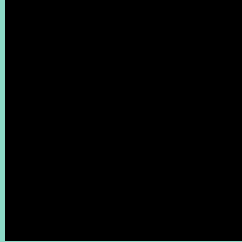
Any Text WCAG AA ✓ Pass

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 77.0791, -28.1158, 5.4410 Background



This preview shows how black text looks on a background with the HunterLab color 77.0791, -28.1158, 5.4410.



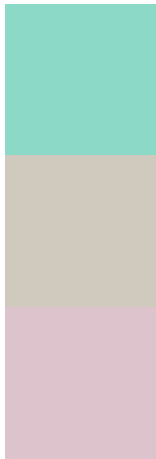
This preview shows how white text looks on a background with the HunterLab color 77.0791, -28.1158, 5.4410.

-28.1158, 5.4410.

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

77.0791, -28.1158, 5.4410

Protanopia

76.7469, -3.6112, 9.5935

Deuteranopia

76.5542, 5.7663, 3.0296



Tritanopia

77.1995, -18.8191, -10.2550

Trichromacy



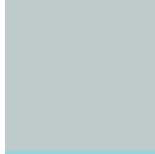
Original Color

77.0791, -28.1158, 5.4410



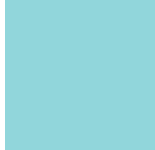
Protanomaly

76.5939, -13.5408, 7.9057



Deuteranomaly

76.1922, -7.9929, 3.3278



Tritanomaly

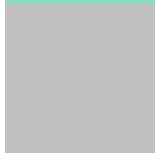
76.9593, -22.1648, -4.5971

Monochromacy



Original Color

77.0791, -28.1158, 5.4410



Achromatopsia

72.6027, -3.8739, 3.9446



Achromatomaly

73.8902, -13.4232, 3.8678

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.0791, -28.1158, 5.4410 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(141, 217, 199)` looks like.

```
.text, #text, p{  
    color:rgb(141, 217, 199)  
}
```

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(141, 217, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 217, 199) }
```

Border

The CSS property to change the border of an element to HunterLab 77.0791, -28.1158, 5.4410 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(141, 217, 199) }
```


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

```
.border{ border-color:rgb(141, 217, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 217, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 217, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 217, 199);  
box-shadow:4px 4px 4px 4px rgb(141, 217,  
199) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.0791, -28.1158, 5.4410 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 217, 199) }
```

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

```
.background{ background-color: rgb(141,  
217, 199) }
```

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