

Converting Colors

HunterLab(68.0034, -20.9110,
-3.9976)

Have a look what the booklet for
HunterLab(68.0034, -20.9110,
-3.9976) contains.

HunterLab(67.8563, -20.7052, -4.1814)	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(67.8563,
-20.7052, -4.1814)**

Conversions

Conversions Part 1

Format	Color
Hex	7DC0C4
RGB	125, 192, 196
RGB Percent	49%, 75%, 77%
CMY	0.5098, 0.2470, 0.2314
CMYK	0.36, 0.02, 0.00, 0.23
HSL	183°, 38%, 63%
HSV	183°, 36%, 77%
XYZ	37.2709, 46.0448, 59.1477
YIQ	172.4230, -41.2160, -12.9600

Conversions

Conversions Part 2

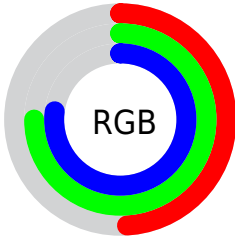
Format	Color
R _Y B	125, 159, 196
Decimal	8241348
CIE Lab	73.58, -20.13, -8.75
CIE LCh	74, 21.946, 203.493
Yxy	46.0466, 0.2616, 0.3232
Android (android.graphics.Color)	4286431428 (0xFF7DC0C4)
YUV	172.4230, 11.6235, -41.5900
Hunter-Lab	67.8563, -20.7052, -4.1814

Details

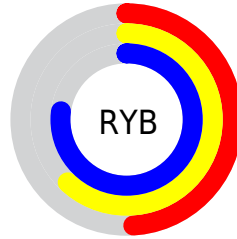
The HunterLab color $67.8563, -20.7052, -4.1814$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $53.7750, 19.8071, 12.0896$, and the grayscale version is $64.3717, -3.4347, 3.4974$.

A 20% lighter version of the original color is $91.9492, -24.1905, -3.6863$, and $46.3352, -17.2550, -4.4967$ is the 20% darker color. If you saturate the color by 10%, you get $66.5066, -23.9351, -5.9964$, and if you desaturate by 10%, it is $69.3950, -16.8417, -2.1545$.

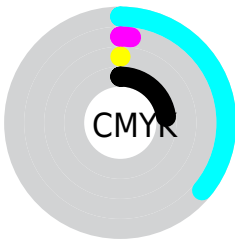
Distribution



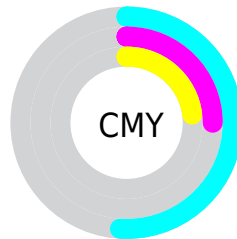
- Red (49%)
- Green (75%)
- Blue (77%)



- Red (49%)
- Yellow (62%)
- Blue (77%)



- Cyan (36%)
- Magenta (2%)
- Yellow (0%)
- Black (23%)



- Cyan (51%)
- Magenta (25%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.8563, -20.7052, -4.1814 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 67.8563, -20.7052, -4.1814 by changing the saturation by 10% instead.

■ 67.8563, -20.7052,
-4.1814

■ 67.8563, -20.7052,
-4.1814

192.6126,
-35.1218, -0.3566

■ 56.8178, -19.0275,
-4.3807

■ 91.8089, -23.9796,
-3.6234

■ 46.4515, -17.3070,
-4.5225

■ 104.6593,
-25.5895, -3.2744

■ 36.8059, -15.5277,
-4.5994

■ 118.0589,
-27.1883, -2.8825

■ 27.9394, -13.6641,
-4.6036

131.9860,
-28.7796, -2.4502

■ 19.9277, -11.6749,
-4.5250

146.4215,
-30.3665, -1.9797

■ 12.8741, -9.4854,
-4.3527

161.3479,

■ 6.2917, -11.0105,

-31.9513, -1.4728

-5.4413

176.7497,
-33.5359, -0.9313

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.8563, -20.7052,
-4.1814

■ 67.8563, -20.7052,
-4.1814

■ 66.5066, -23.9351,
-5.9964

■ 69.3950, -16.8417,
-2.1545

■ 65.3401, -26.5080,
-7.5914

■ 71.1177, -12.3763,
0.0660

■ 64.3536, -28.4195,
-8.9592

■ 73.0226, -7.3521,
2.4636

■ 63.5386, -29.6843,
-10.1008


■ 75.1050, -1.8171,
5.0194


■ 62.8818, -30.3412,


■ 77.3590, 4.1784,


-11.0260


7.7145


 62.3627, -30.4634,
-11.7579

 79.7776, 10.5838,
10.5304

 62.1841, -30.4416,
-12.0101

 81.5039, 14.6063,
12.4867

 81.8175, 14.0135,
12.8152

 82.1322, 13.4212,
13.1437

Harmonies

Analogous

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



67.8576, -22.0481, 5.7760



67.8563, -20.7052, -4.1814



67.8576, -14.9127, -13.0963

Triad

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



67.8576, -20.7059, -4.1804



67.8576, 12.8866, -8.3817



67.8576, -1.3854, 19.7516

Complementary

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



67.8563, -20.7052, -4.1814



53.7750, 19.8071, 12.0896

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.



67.8576, 8.4538, 17.0548



67.8563, -20.7052, -4.1814



67.8576, 17.0024, 1.5432

Square

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



67.8576, -20.7059, -4.1804



67.8576, 4.3800, -15.7616



67.8576, 15.3342, 10.7243



67.8576, -11.2741, 18.6852

Rectangle

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



67.8563, -20.7052, -4.1814



67.8576, -9.1125, -16.7612



67.8576, 15.3342, 10.7243



67.8576, 2.0439, 19.2699

Sweetspot

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



67.8576, -20.7059, -4.1804



96.9841, -13.3324, 1.6905



67.3898, -32.8246, 22.8147



44.7069, -6.5962, 0.5774

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.8576, -20.7059, -4.1804



89.9529, -31.1903, -7.4756



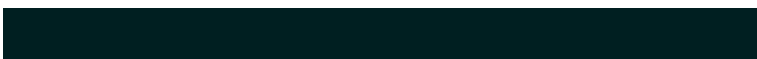
56.9593, -4.1889, -19.3376



33.6573, -4.1770, 0.7872



49.8888, -24.4543, -9.5670



10.5142, -5.2590, -1.7892

Inverse Universe

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



54.9636, 32.4649, -19.3601



69.6036, 53.8395, -32.3892



63.0764, 2.1106, 20.6659



31.9960, 2.4287, -0.9070



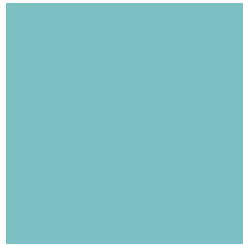
31.2966, 60.7984, -35.6052



6.5287, 12.7189, -7.7054

Previews

White Background



This preview shows how the HunterLab color 67.8563, -20.7052, -4.1814 looks on a white background.

Color Contrast Check

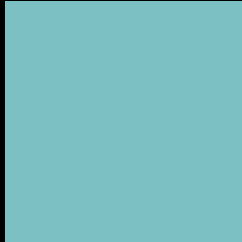
Large Text (above 18pt) WCAG AA × Fail

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 67.8563, -20.7052, -4.1814 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

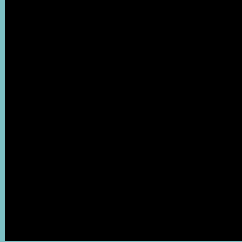
Any Text WCAG AA ✓ Pass

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 67.8563, -20.7052, -4.1814 Background



This preview shows how black text looks on a background with the HunterLab color 67.8563, -20.7052, -4.1814.



This preview shows how white text looks on a background with the HunterLab color 67.8563,

-20.7052, -4.1814.

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

67.8563, -20.7052, -4.1814

Protanopia

67.5979, -1.4406, -0.1013

Deuteranopia

67.4696, 4.9354, -6.3581



Tritanopia

67.7291, -17.1749, -9.6831

Trichromacy



Original Color

67.8563, -20.7052, -4.1814

Protanomaly

67.5423, -9.2041, -1.8098

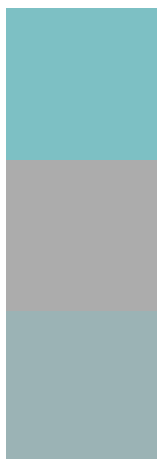
Deuteranomaly

67.2091, -5.1396, -6.3423

Tritanomaly

67.8512, -18.6555, -7.3437

Monochromacy



Original Color

67.8563, -20.7052, -4.1814

Achromatopsia

64.2295, -3.4271, 3.4897

Achromatomaly

65.2265, -10.2147, 0.2761

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.8563, -20.7052, -4.1814 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(125, 192, 196)` looks like.

```
.text, #text, p{  
    color:rgb(125, 192, 196)  
}
```

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(125, 192, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 192, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 67.8563, -20.7052, -4.1814 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(125, 192, 196) }
```


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

```
.border{ border-color:rgb(125, 192, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 192, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 192, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 192, 196);  
box-shadow:4px 4px 4px 4px rgb(125, 192,  
196) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.8563, -20.7052, -4.1814 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 192, 196) }
```

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

```
.background{ background-color: rgb(125,  
192, 196) }
```

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