

Converting Colors

HunterLab(64.6044, -17.3413,
-12.9221)

Have a look what the booklet for
HunterLab(64.6044, -17.3413,
-12.9221) contains.

HunterLab(64.6044, -17.3413, -12.9221)	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(64.6044,
-17.3413, -12.9221)**

Conversions

Conversions Part 1

Format	Color
Hex	71B7CC
RGB	113, 183, 204
RGB Percent	44%, 72%, 80%
CMY	0.5568, 0.2823, 0.2000
CMYK	0.45, 0.10, 0.00, 0.20
HSL	194°, 47%, 62%
HSV	194°, 45%, 80%
XYZ	34.6426, 41.7373, 63.3570
YIQ	164.4640, -48.4610, -8.3090

Conversions

Conversions Part 2

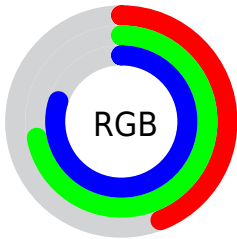
Format	Color
RYB	113, 153, 204
Decimal	7452620
CIELab	70.69, -16.50, -17.51
CIELCh	71, 24.058, 226.688
Yxy	41.7389, 0.2479, 0.2987
Android (android.graphics.Color)	4285642700 (0xFF71B7CC)
YUV	164.4640, 19.4912, -45.1339
Hunter-Lab	64.6044, -17.3413, -12.9221

Details

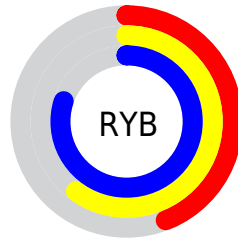
The HunterLab color **64.6044, -17.3413, -12.9221** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **55.7500, 19.0097, 18.0697**, and the grayscale version is **61.0579, -3.2579, 3.3174**.

A 20% lighter version of the original color is **87.9705, -21.4920, -9.9326**, and **43.6316, -14.2732, -12.5736** is the 20% darker color. If you saturate the color by 10%, you get **62.1488, -18.7112, -16.5314**, and if you desaturate by 10%, it is **67.2473, -15.3368, -9.1986**.

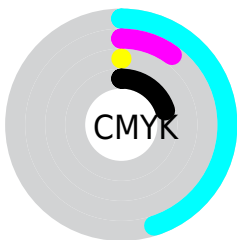
Distribution



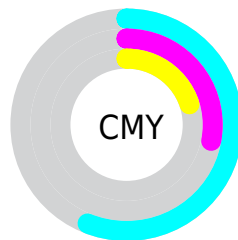
- Red (44%)
- Green (72%)
- Blue (80%)



- Red (44%)
- Yellow (60%)
- Blue (80%)



- Cyan (45%)
- Magenta (10%)
- Yellow (0%)
- Black (20%)



- Cyan (56%)
- Magenta (28%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.6044, -17.3413, -12.9221 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 64.6044, -17.3413, -12.9221 by changing the saturation by 10% instead.

■ 64.6044, -17.3413,
-12.9221

■ 64.6044, -17.3413,
-12.9221

187.9892,
-30.3284, -11.9137

■ 53.7558, -15.8603,
-12.7625

■ 88.2067, -20.2514,
-13.0520

■ 43.5922, -14.3491,
-12.5365

■ 100.8942,
-21.6917, -13.0322

■ 34.1648, -12.7937,
-12.2399

■ 114.1377,
-23.1277, -12.9603

■ 25.5362, -11.1720,
-11.8728

127.9147,
-24.5625, -12.8393

■ 17.7887, -9.4466,
-11.4469

142.2054,
-25.9983, -12.6718

■ 11.0369, -7.6376,
-11.0159

156.9918,

■ 2.7649, -4.8385,

-27.4370, -12.4603

-26.9996

172.2580,
-28.8800, -12.2070

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 64.6044, -17.3413,
-12.9221

■ 64.6044, -17.3413,
-12.9221

■ 62.1488, -18.7112,
-16.5314

■ 67.2473, -15.3368,
-9.1986

■ 59.8819, -19.4109,
-20.0036

■ 70.0668, -12.7405,
-5.3890

■ 57.8067, -19.4222,
-23.3131

■ 73.0557, -9.6017,
-1.5147

■ 55.9199, -18.7507,
-26.4411


■ 76.2048, -5.9707,
2.4054

■ 54.2104, -17.4375,

■ 79.5051, -1.8966,

-29.3815

6.3553

 53.3375, -16.5565,
-30.9265

 82.9472, 2.5745,
10.3225

 86.4340, 7.1043,
14.1976

 87.8377, 4.6027,
15.6450

 89.2582, 2.1125,
17.0904

Harmonies

Analogous

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



64.6056, -22.5055, -2.5381



64.6044, -17.3413, -12.9221



64.6056, -8.2536, -19.3122

Triad

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



64.6056, -17.3417, -12.9210



64.6056, 18.4698, -1.2946



64.6056, -9.4185, 19.9867

Complementary

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



64.6044, -17.3413, -12.9221



55.7500, 19.0097, 18.0697

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.



64.6056, 1.4968, 20.2058



64.6044, -17.3413, -12.9221



64.6056, 18.1056, 9.0368

Square

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



64.6056, -17.3417, -12.9210



64.6056, 12.6873, -11.8803



64.6056, 11.7233, 16.5217



64.6056, -18.1452, 15.8627

Rectangle

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



64.6044, -17.3413, -12.9221



64.6056, -0.9664, -19.8544



64.6056, 11.7233, 16.5217



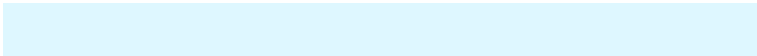
64.6056, -5.8979, 20.4921

Sweetspot

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



64.6056, -17.3417, -12.9210



94.5844, -11.7224, -1.2274



69.5579, -38.0217, 23.3673



43.3496, -5.8771, -1.0873

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.6056, -17.3417, -12.9210



79.9490, -24.0923, -21.3185



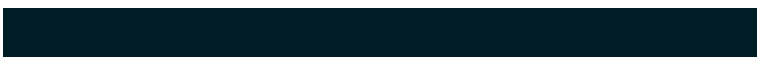
51.2583, 4.0137, -34.4235



35.0299, -3.6439, 0.2455



42.4886, -13.3782, -24.2274



10.2039, -3.7972, -4.5570

Inverse Universe

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



52.9789, 39.8852, -16.7947



62.7634, 63.6089, -26.3108



67.7921, -3.1851, 28.0530



33.7012, 2.3170, -0.2463



31.0249, 58.1122, -18.5654



7.1250, 13.4764, -5.2766

Previews

White Background



This preview shows how the HunterLab color 64.6044, -17.3413, -12.9221 looks on a white background.

Color Contrast Check

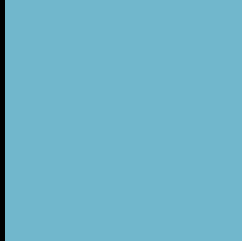
Large Text (above 18pt) WCAG AA × Fail

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 64.6044, -17.3413, -12.9221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

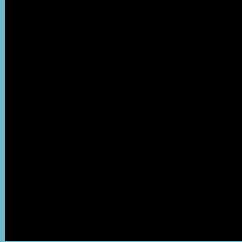
Any Text WCAG AA ✓ Pass

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 64.6044, -17.3413, -12.9221 Background



This preview shows how black text looks on a background with the HunterLab color 64.6044, -17.3413, -12.9221.



This preview shows how white text looks on a background with the HunterLab color 64.6044, -17.3413, -12.9221.

-17.3413, -12.9221.

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

64.6044, -17.3413, -12.9221

Protanopia

64.3709, 0.1427, -8.4348

Deuteranopia

64.2502, 5.0199, -14.7956



Tritanopia

64.6406, -19.2192, -10.0656

Trichromacy



Original Color

64.6044, -17.3413, -12.9221

Protanomaly

64.0932, -6.7463, -10.6078

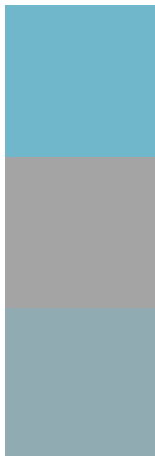
Deuteranomaly

63.9708, -3.5538, -14.7635

Tritanomaly

64.7632, -18.6185, -11.0075

Monochromacy



Original Color

64.6044, -17.3413, -12.9221

Achromatopsia

60.9293, -3.2510, 3.3104

Achromatomaly

61.9679, -9.4212, -2.7854

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.6044, -17.3413, -12.9221 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(113, 183, 204)` looks like.

```
.text, #text, p{  
    color:rgb(113, 183, 204)  
}
```

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(113, 183, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 183, 204) }
```

Border

The CSS property to change the border of an element to HunterLab 64.6044, -17.3413, -12.9221 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(113, 183, 204) }
```


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

```
.border{ border-color:rgb(113, 183, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 183, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 183, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 183, 204);  
box-shadow:4px 4px 4px 4px rgb(113, 183,  
204) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.6044, -17.3413, -12.9221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 183, 204) }
```

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

```
.background{ background-color: rgb(113,  
183, 204) }
```

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