Converting Colors

HunterLab(64.9519, -13.6438, -7.9770)

Have a look what the booklet for HunterLab(64.9519, -13.6438, -7.9770) contains.

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Color

HunterLab(64.8857, -13.6363, -7.9771)

Conversions

Conversions Part 1

Format	Color
Hex	86B5C4
RGB	134, 181, 196
RGB Percent	53%, 71%, 77%
CMY	0.4745, 0.2902, 0.2314
CMYK	0.32, 0.08, 0.00, 0.23
HSL	195°, 34%, 65%
HSV	195°, 32%, 77%
XYZ	36.3192, 42.1015, 58.4366
YIQ	168.6570, -32.8270, -5.2990

Conversions

Conversions Part 2

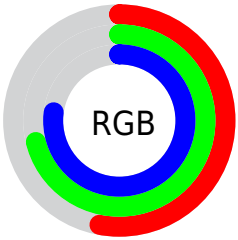
Format	Color
RYB	134, 161, 196
Decimal	8828356
CIELab	70.94, -11.92, -12.63
CIELCh	71, 17.366, 226.671
Yxy	42.1032, 0.2654, 0.3076
Android (android.graphics.Color)	4287018436 (0xFF86B5C4)
YUV	168.6570, 13.4801, -30.3942
Hunter-Lab	64.8857, -13.6363, -7.9771

Details

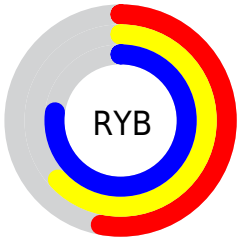
The HunterLab color 64.8857, -13.6363, -7.9771 is a light color, and the websafe version is hex 99CCCC. A complement of this color would be 59.1205, 10.7156, 13.9974, and the grayscale version is 62.8039, -3.3511, 3.4123.

A 20% lighter version of the original color is 88.5884, -15.9989, -7.8871, and 43.8009, -11.1159, -7.8456 is the 20% darker color. If you saturate the color by 10%, you get 62.2443, -15.6327, -11.6654, and if you desaturate by 10%, it is 67.6957, -11.0967, -4.2210.

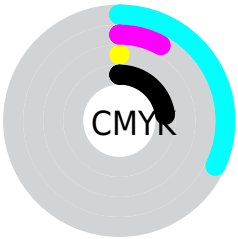
Distribution



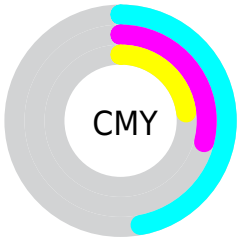
- Red (53%)
- Green (71%)
- Blue (77%)



- Red (53%)
- Yellow (63%)
- Blue (77%)



- Cyan (32%)
- Magenta (8%)
- Yellow (0%)
- Black (23%)



- Cyan (47%)
- Magenta (29%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.8857, -13.6363, -7.9771 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 64.8857, -13.6363, -7.9771 by changing the saturation by 10% instead.

64.8857, -13.6363, -7.9771

64.8857, -13.6363, -7.9771

188.3907, -24.8110, -5.4879

54.0205, -12.4139, -8.0011

88.5188, -16.0766, -7.7503

43.8391, -11.1812, -7.9608

101.2206, -17.3002, -7.5583

34.3924, -9.9299, -7.8487

114.4778, -18.5297, -7.3183

25.7428, -8.6460, -7.6584

128.2679, -19.7666, -7.0331

17.9719, -7.3059, -7.3848

142.5713, -21.0124, -6.7054

11.1933, -5.8645, -7.0347

157.3700,

3.2294, -5.6514,

-22.2679, -6.3373

172.6480, -23.5339, -5.9309

-16.0459

0.0000, NaN, NaN

0.0000, NaN, NaN

64.8857, -13.6363, -7.9771

62.2443, -15.6327, -11.6654

59.7752, -17.0391, -15.2663

57.4858, -17.8187, -18.7537

55.3795, -17.9464, -22.1025

53.4556, -17.4174,

64.8857, -13.6363, -7.9771

67.6957, -11.0967, -4.2210

70.6617, -8.0594, -0.4201

73.7763, -4.5727, 3.4100

77.0303, -0.6825, 7.2563

80.4152, 3.5686,

-25.2911

51.7072, -16.2562, -28.3068

50.3488, -14.9143, -30.7359

11.1084

83.9225, 8.1417, 14.9589

85.6951, 6.8797, 16.7922

87.1059, 4.3683, 18.2028

88.5340, 1.8684, 19.6125

Harmonies

Analogous

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

64.8870, -17.4857, -0.7849

64.8857, -13.6363, -7.9771

64.8870, -6.9564, -12.2916

Triad

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

64.8870, -13.6370, -7.9760

64.8870, 12.1082, 0.0851

64.8870, -7.7981, 15.9882

Complementary

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

64.8857, -13.6363, -7.9771

59.1205, 10.7156, 13.9974

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.

64.8870, 0.1005, 16.1616

64.8857, -13.6363, -7.9771

64.8870, 11.8560, 7.5713

Square

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

64.8870, -13.6370, -7.9760

64.8870, 8.0467, -7.2733

64.8870, 7.3735, 13.2550

64.8870, -14.2275, 12.7489

Rectangle

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

64.8857, -13.6363, -7.9771

64.8870, -1.6782, -12.6559

64.8870, 7.3735, 13.2550

64.8870, -5.2340, 16.3921

Sweetspot

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

64.8870, -13.6370, -7.9760

96.1317, -9.7328, 0.7154

68.3388, -28.2918, 17.1383

44.1926, -4.8109, -0.0208

0.0000, NaN, NaN

46.2646, -2.4686, 2.5136

Same Dimension

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

64.8870, -13.6370, -7.9760

84.8320, -20.3065, -14.2048

55.7119, 1.1481, -21.2298

33.1696, -3.3958, 0.2081

40.5313, -12.1994, -24.3256

9.0084, -3.3398, -4.0501

Inverse Universe

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

56.6773, 25.6305, -10.3601

71.7977, 43.3799, -17.7728

67.7388, -4.4879, 21.9197

31.9445, 2.1532, -0.1767

29.9009, 55.8878, -16.9698

6.2974, 11.9079, -4.6400

Previews

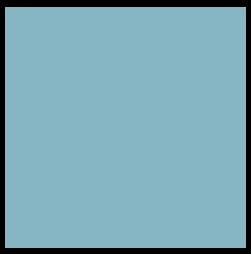
White Background

This preview shows how the HunterLab color 64.8857, -13.6363, -7.9771 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



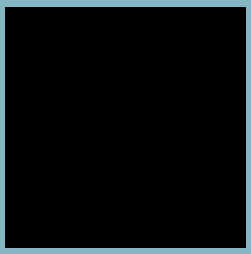
This preview shows how the HunterLab color 64.8857, -13.6363, -7.9771 looks on a black background.

Color Contrast Check

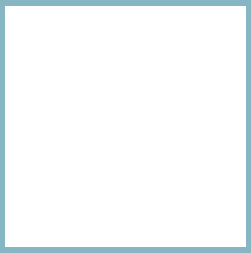
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA ✓ Pass
Large Text (above 18pt) WCAG AAA ✓ Pass
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the Color Contrast Checker.

HunterLab 64.8857, -13.6363, -7.9771 Background



This preview shows how black text looks on a background with the HunterLab color 64.8857, -13.6363, -7.9771.



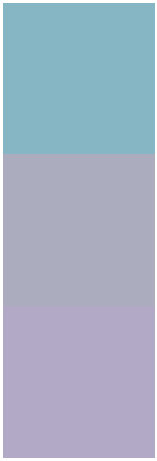
This preview shows how white text looks on a background with the HunterLab color 64.8857,

-13.6363, -7.9771.

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



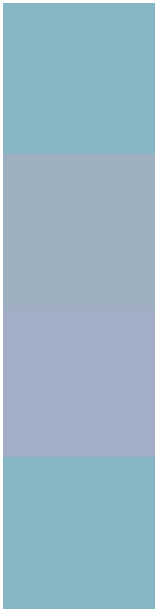
Original Color
64.8857, -13.6363, -7.9771

Protanopia
64.7153, -0.6016, -4.7645

Deuteranopia
64.7800, 4.7264, -9.4538

Tritanopia
64.8857, -13.6363, -7.9771

Trichromacy



Original Color
64.8857, -13.6363, -7.9771

Protanomaly
64.6025, -5.4475, -6.0559

Deuteranomaly
64.5335, -2.1914, -9.3582

Tritanomaly
64.8857, -13.6363, -7.9771

Monochromacy

Original Color
64.8857, -13.6363, -7.9771

Achromatopsia
62.9885, -3.3609, 3.4223

Achromatomaly
63.4111, -7.4055, -0.9321

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.8857, -13.6363, -7.9771 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(134, 181, 196) looks like.

```
.text, #text, p{
    color:rgb(134, 181, 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(134, 181, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 181, 196) }
```

Border

The CSS property to change the border of an element to HunterLab 64.8857, -13.6363, -7.9771 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(134, 181, 196) }
```

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

```
.border{ border-color:rgb(134, 181, 196) }
```

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

Here you see how a box with a 4 pixel rgb(134, 181, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(134, 181, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(134, 181, 196); box-shadow:4px 4px 4px 4px rgb(134, 181, 196) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.8857, -13.6363, -7.9771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(134, 181, 196) }
```

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

```
.background{ background-color:rgb(134,
181, 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.

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