

Converting Colors

HunterLab(69.0357, -9.9662,
-21.8305)

Have a look what the booklet for
HunterLab(69.0357, -9.9662,
-21.8305) contains.

HunterLab(69.1798, -10.0813, -21.7089)	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(69.1798,
-10.0813, -21.7089)**

Conversions

Conversions Part 1

Format	Color
Hex	89BEE6
RGB	137, 190, 230
RGB Percent	54%, 75%, 90%
CMY	0.4627, 0.2549, 0.0980
CMYK	0.40, 0.17, 0.00, 0.10
HSL	206°, 65%, 72%
HSV	206°, 40%, 90%
XYZ	43.0129, 47.8584, 81.8335
YIQ	178.7130, -44.4280, 1.2040

Conversions

Conversions Part 2

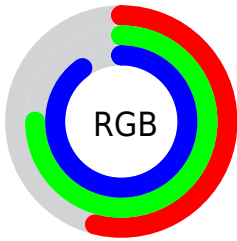
Format	Color
RYB	137, 171, 230
Decimal	9027302
CIELab	74.74, -7.23, -25.40
CIELCh	75, 26.405, 254.117
Yxy	47.8603, 0.2491, 0.2771
Android (android.graphics.Color)	4287217382 (0xFF89BEE6)
YUV	178.7130, 25.2845, -36.5823
Hunter-Lab	69.1798, -10.0813, -21.7089

Details

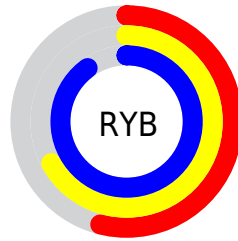
The HunterLab color $69.1798, -10.0813, -21.7089$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $70.7634, 9.5325, 23.9400$, and the grayscale version is $66.9333, -3.5714, 3.6366$.

A 20% lighter version of the original color is $91.9070, -19.0618, -4.7333$, and $47.6877, -8.3469, -20.5483$ is the 20% darker color. If you saturate the color by 10%, you get $64.7906, -9.8862, -28.7574$, and if you desaturate by 10%, it is $73.7885, -9.6004, -14.8539$.

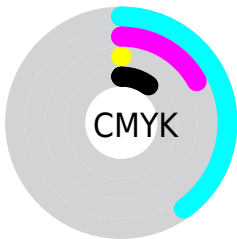
Distribution



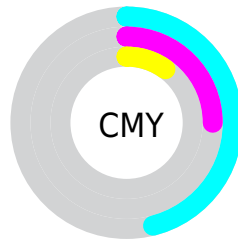
- Red (54%)
- Green (75%)
- Blue (90%)



- Red (54%)
- Yellow (67%)
- Blue (90%)



- Cyan (40%)
- Magenta (17%)
- Yellow (0%)
- Black (10%)



- Cyan (46%)
- Magenta (25%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.1798, -10.0813, -21.7089 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 69.1798, -10.0813, -21.7089 by changing the saturation by 10% instead.

■ 69.1798, -10.0813,
-21.7089

■ 69.1798, -10.0813,
-21.7089

194.4834,
-19.4851, -22.6819

■ 58.0657, -9.1120,
-21.3280

■ 93.2718, -12.0610,
-22.2901

■ 47.6190, -8.1529,
-20.8898

■ 106.1872,
-13.0729, -22.4961

■ 37.8870, -7.2011,
-20.3983

■ 119.6491,
-14.1006, -22.6483

■ 28.9265, -6.2512,
-19.8695

133.6362,
-15.1444, -22.7491

■ 20.8110, -5.2940,
-19.3466

148.1295,
-16.2046, -22.8007

■ 13.6395, -4.3124,
-18.9533

163.1119,

■ 7.2414, -4.7354,

-17.2815, -22.8054

-20.4122

178.5679,
-18.3750, -22.7652

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 69.1798, -10.0813,
-21.7089

■ 69.1798, -10.0813,
-21.7089

■ 64.7906, -9.8862,
-28.7574

■ 73.7885, -9.6004,
-14.8539

■ 60.6375, -8.9327,
-35.9920

■ 78.5936, -8.5205,
-8.1964

■ 56.7426, -7.1447,
-43.3853

■ 83.5789, -6.9142,
-1.7277

■ 53.1250, -4.4625,
-50.8942

■ 88.7288, -4.8456,
4.5643

■ 49.7983, -0.8638,

■ 94.0293, -2.3711,

-58.4627

10.6937

■ 46.8687, 3.3279,
-65.7658

■ 97.4400, -6.5484,
14.3746

■ 99.2438, -9.4946,
16.2624

Harmonies

Analogous

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



69.1811, -19.9483, -13.8988



69.1798, -10.0813, -21.7089



69.1811, 2.1991, -21.9517

Triad

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



69.1811, -10.0818, -21.7076



69.1811, 20.9025, 9.0574



69.1811, -19.4783, 18.1134

Complementary

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



69.1798, -10.0813, -21.7089



70.7634, 9.5325, 23.9400

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.



69.1811, -9.3982, 22.3032



69.1798, -10.0813, -21.7089



69.1811, 14.2128, 17.7309

Square

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



69.1811, -10.0818, -21.7076



69.1811, 20.6872, -2.7138



69.1811, 2.9321, 22.1768



69.1811, -25.1077, 9.6734

Rectangle

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



69.1798, -10.0813, -21.7089



69.1811, 10.1500, -17.6949



69.1811, 2.9321, 22.1768



69.1811, -16.5302, 19.9939

Sweetspot

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



69.1811, -10.0818, -21.7076



93.0267, -8.1051, -3.1169



80.6460, -38.3715, 18.9188



42.6946, -3.8687, -1.8806

0.0000, NaN, NaN



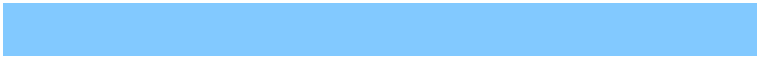
46.2646, -2.4686, 2.5136

Same Dimension

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



69.1811, -10.0818, -21.7076



73.3921, -11.1809, -31.4010



55.8638, 13.0764, -44.8034



39.0433, -3.1258, -0.5127



35.6142, 1.8835, -48.5806



10.5874, -1.0192, -11.0331

Inverse Universe

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



61.9948, 37.9904, -7.7256



64.3955, 53.0761, -10.4151



84.2649, -13.2949, 35.0374



38.0854, 2.3382, 0.6261



32.3700, 58.3813, -1.9264



8.9041, 16.2485, -1.9970

Previews

White Background



This preview shows how the HunterLab color 69.1798, -10.0813, -21.7089 looks on a white background.

Color Contrast Check

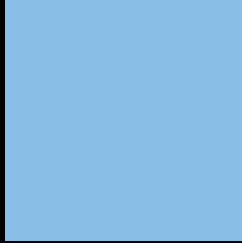
Large Text (above 18pt) WCAG AA × Fail

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 69.1798, -10.0813, -21.7089 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

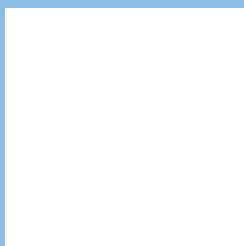
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 69.1798, -10.0813, -21.7089 Background



This preview shows how black text looks on a background with the HunterLab color 69.1798, -10.0813, -21.7089.



This preview shows how white text looks on a background with the HunterLab color 69.1798, -10.0813, -21.7089.

-10.0813, -21.7089.

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

69.1798, -10.0813, -21.7089

Protanopia

68.8682, 2.4253, -18.2343

Deuteranopia

69.0643, 5.2407, -22.8905



Tritanopia

69.2909, -17.8019, -9.2302

Trichromacy



Original Color

69.1798, -10.0813, -21.7089

Protanomaly

68.8106, -2.2172, -19.6343

Deuteranomaly

69.0883, -0.8562, -22.3225

Tritanomaly

69.3803, -15.2441, -13.6136

Monochromacy



Original Color

69.1798, -10.0813, -21.7089

Achromatopsia

67.1406, -3.5825, 3.6479

Achromatomaly

67.7028, -6.5955, -5.1846

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.1798, -10.0813, -21.7089 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(137, 190, 230)` looks like.

```
.text, #text, p{  
    color:rgb(137, 190, 230)  
}
```

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(137, 190, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 190, 230) }
```

Border

The CSS property to change the border of an element to HunterLab 69.1798, -10.0813, -21.7089 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(137, 190, 230) }
```


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

```
.border{ border-color:rgb(137, 190, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 190, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(137, 190, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(137, 190, 230); box-shadow:4px 4px 4px 4px rgb(137, 190, 230) }
```

Background

The CSS property to change the background color of an element to HunterLab 69.1798, -10.0813, -21.7089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 190, 230) }
```

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

```
.background{ background-color: rgb(137,  
190, 230) }
```

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