

Converting Colors

HunterLab(65.8977, -4.2487,
-30.8692)

Have a look what the booklet for
HunterLab(65.8977, -4.2487,
-30.8692) contains.

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Color

**HunterLab(65.7897, -4.0722,
-31.0488)**

Conversions

Conversions Part 1

Format	Color
Hex	85B3EC
RGB	133, 179, 236
RGB Percent	52%, 70%, 93%
CMY	0.4784, 0.2980, 0.0745
CMYK	0.44, 0.24, 0.00, 0.07
HSL	213°, 73%, 72%
HSV	213°, 44%, 93%
XYZ	40.9333, 43.2828, 85.5539
YIQ	171.7440, -45.7130, 7.9750

Conversions

Conversions Part 2

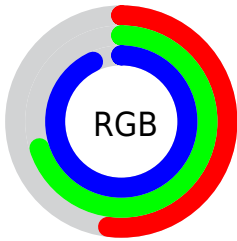
Format	Color
RYB	133, 165, 236
Decimal	8762348
CIELab	71.75, -0.63, -33.27
CIElCh	72, 33.272, 268.912
Yxy	43.2845, 0.2411, 0.2550
Android (android.graphics.Color)	4286952428 (0xFF85B3EC)
YUV	171.7440, 31.6782, -33.9785
Hunter-Lab	65.7897, -4.0722, -31.0488

Details

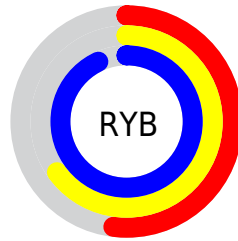
The HunterLab color $65.7897, -4.0722, -31.0488$ is a light color, and the websafe version is hex $99CCFF$. A complement of this color would be $75.0698, 4.7335, 28.8133$, and the grayscale version is $64.0113, -3.4155, 3.4779$.

A 20% lighter version of the original color is $88.0817, -14.3256, -9.6581$, and $44.7792, -3.0713, -29.6335$ is the 20% darker color. If you saturate the color by 10%, you get $60.4853, -2.1972, -40.5572$, and if you desaturate by 10%, it is $71.3524, -5.2078, -22.0662$.

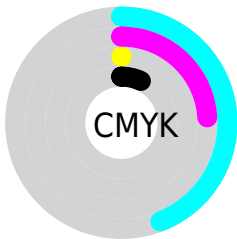
Distribution



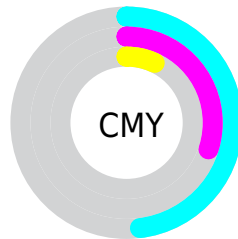
- Red (52%)
- Green (70%)
- Blue (93%)



- Red (52%)
- Yellow (65%)
- Blue (93%)



- Cyan (44%)
- Magenta (24%)
- Yellow (0%)
- Black (7%)



- Cyan (48%)
- Magenta (30%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 65.7897, -4.0722, -31.0488 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 65.7897, -4.0722, -31.0488 by changing the saturation by 10% instead.

■ 65.7897, -4.0722,
-31.0488

■ 65.7897, -4.0722,
-31.0488

189.6788,
-10.9265, -34.0353

■ 54.8711, -3.4563,
-30.4712

■ 89.5209, -5.4005,
-32.0641

■ 44.6328, -2.8744,
-29.8647

■ 102.2683, -6.1095,
-32.4963

■ 35.1248, -2.3287,
-29.2558

■ 115.5692, -6.8469,
-32.8765

■ 26.4083, -1.8219,
-28.7055

129.4015, -7.6116,
-33.2055

■ 18.5630, -1.3570,
-28.3580

143.7453, -8.4028,
-33.4843

■ 11.6991, -0.9378,
-28.6121

158.5832, -9.2195,

■ 4.3985, -0.8609,

-33.7146

-44.7103

173.8992,
-10.0609, -33.8977

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 65.7897, -4.0722,
-31.0488

■ 65.7897, -4.0722,
-31.0488

■ 60.4853, -2.1972,
-40.5572

■ 71.3524, -5.2078,
-22.0662

■ 55.4701, 0.5349,
-50.6328

■ 77.1400, -5.7099,
-13.5612

■ 50.7850, 4.2409,
-61.2801

■ 83.1289, -5.6714,
-5.4759

■ 46.4727, 9.0157,
-72.4506

■ 89.2981, -5.1708,
2.2446

■ 42.5737, 14.8903,

■ 95.6300, -4.2736,

-84.0227

9.6507

■ 40.2997, 19.0925,
-91.5864

■ 99.4164, -8.5424,
13.7830

Harmonies

Analogous

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



65.7909, -18.0439, -25.2192



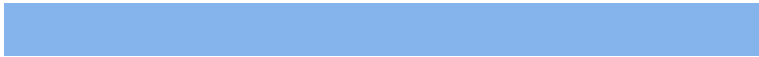
65.7897, -4.0722, -31.0488



65.7909, 11.3418, -25.9733

Triad

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



65.7909, -4.0725, -31.0474



65.7909, 24.3084, 15.7393



65.7909, -26.8876, 16.4695

Complementary

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



65.7897, -4.0722, -31.0488



75.0698, 4.7335, 28.8133

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.



65.7909, -17.1583, 23.6913



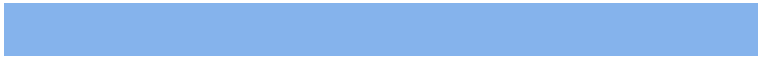
65.7897, -4.0722, -31.0488



65.7909, 12.3978, 23.3425

Square

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



65.7909, -4.0725, -31.0474



65.7909, 28.6042, 3.0468



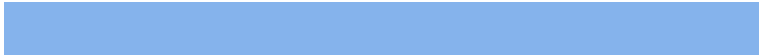
65.7909, -2.9536, 25.8891



65.7909, -30.4514, 4.1111

Rectangle

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



65.7897, -4.0722, -31.0488



65.7909, 20.1924, -17.6254



65.7909, -2.9536, 25.8891



65.7909, -24.2763, 19.4640

Sweetspot

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



65.7909, -4.0725, -31.0474



91.1562, -6.1735, -5.4730



82.8740, -39.6498, 15.6627



41.4931, -2.8850, -3.4180

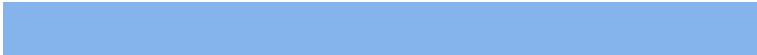
0.0000, NaN, NaN



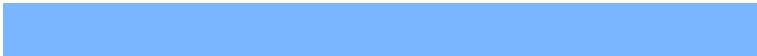
46.2646, -2.4686, 2.5136

Same Dimension

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



65.7909, -4.0725, -31.0474



66.8483, -2.7447, -42.7672



53.1497, 21.2938, -55.4023



39.5683, -2.5464, -1.0195



30.3346, 13.2750, -66.5726



9.5495, 1.6110, -15.4137

Inverse Universe

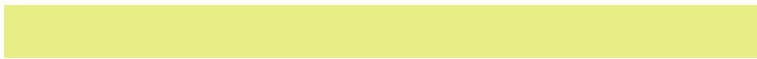
The Inverse Universe completely reimagines the original color for something new.



61.5338, 40.5997, -2.4665



62.1604, 53.9040, -2.7692



88.6844, -20.0680, 39.4592



38.9434, 2.1843, 1.2227



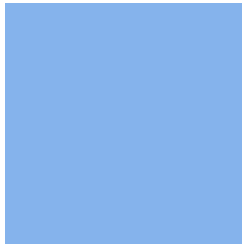
32.2827, 57.1187, 6.6469



9.1514, 16.3887, 0.3571

Previews

White Background



This preview shows how the HunterLab color 65.7897, -4.0722, -31.0488 looks on a white background.

Color Contrast Check

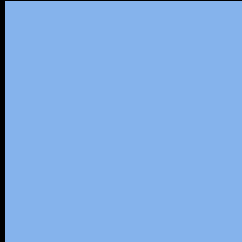
Large Text (above 18pt) WCAG AA × Fail

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 65.7897, -4.0722, -31.0488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

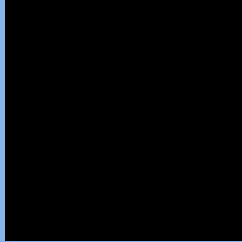
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

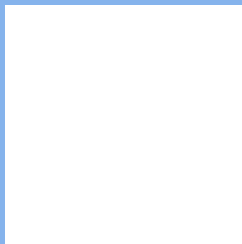
Any Text WCAG AAA ✓ Pass

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

HunterLab 65.7897, -4.0722, -31.0488 Background



This preview shows how black text looks on a background with the HunterLab color 65.7897, -4.0722, -31.0488.



This preview shows how white text looks on a background with the HunterLab color 65.7897, -4.0722, -31.0488.

-31.0488.

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

65.7897, -4.0722, -31.0488

Protanopia

65.6386, 4.2631, -28.4391

Deuteranopia

65.7036, 4.9202, -31.7274



Tritanopia

65.9537, -17.5739, -8.7899

Trichromacy



Original Color

65.7897, -4.0722, -31.0488

Protanomaly

65.5951, 1.1759, -29.2407

Deuteranomaly

65.6279, 1.6401, -31.9148

Tritanomaly

65.7138, -12.6044, -16.5251

Monochromacy



Original Color

65.7897, -4.0722, -31.0488

Achromatopsia

64.2295, -3.4271, 3.4897

Achromatomaly

64.7064, -4.8755, -7.5215

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 65.7897, -4.0722, -31.0488 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(133, 179, 236)` looks like.

```
.text, #text, p{  
    color:rgb(133, 179, 236)  
}
```

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(133, 179, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 179, 236) }
```

Border

The CSS property to change the border of an element to HunterLab 65.7897, -4.0722, -31.0488 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(133, 179, 236) }
```


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

```
.border{ border-color:rgb(133, 179, 236) }
```

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

Here you see how a box with a 4 pixel rgb(133, 179, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 179, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 179, 236);  
box-shadow:4px 4px 4px 4px rgb(133, 179,  
236) }
```

Background

The CSS property to change the background color of an element to HunterLab 65.7897, -4.0722, -31.0488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 179, 236) }
```

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

```
.background{ background-color: rgb(133,  
179, 236) }
```

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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