

Converting Colors

HunterLab(87.3518, -23.3181,
-2.6020)

Have a look what the booklet for
HunterLab(87.3518, -23.3181,
-2.6020) contains.

HunterLab(87.2989, -23.3110, -2.6036)	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(87.2989,
-23.3110, -2.6036)**

Conversions

Conversions Part 1

Format	Color
Hex	ACEEF0
RGB	172, 238, 240
RGB Percent	67%, 93%, 94%
CMY	0.3255, 0.0666, 0.0588
CMYK	0.28, 0.01, 0.00, 0.06
HSL	182°, 69%, 81%
HSV	182°, 28%, 94%
XYZ	63.3159, 76.2110, 93.8111
YIQ	218.4940, -39.9780, -13.3700

Conversions

Conversions Part 2

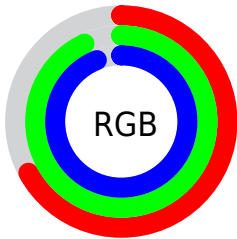
Format	Color
RYB	172, 205, 240
Decimal	11333360
CIELab	89.96, -20.03, -7.62
CIELCh	90, 21.436, 200.833
Yxy	76.2140, 0.2714, 0.3266
Android (android.graphics.Color)	4289523440 (0xFFACEEF0)
YUV	218.4940, 10.6025, -40.7752
Hunter-Lab	87.2989, -23.3110, -2.6036

Details

The HunterLab color **87.2989, -23.3110, -2.6036** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **71.9558, 19.2435, 12.5148**, and the grayscale version is **83.9154, -4.4775, 4.5593**.

A 20% lighter version of the original color is **97.6719, -13.5318, 2.5181**, and **63.7954, -20.1028, -3.1864** is the 20% darker color. If you saturate the color by 10%, you get **85.6327, -28.3053, -4.8081**, and if you desaturate by 10%, it is **89.2135, -17.5156, -0.1216**.

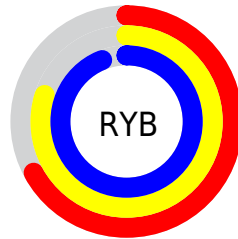
Distribution



Red (67%)

Green (93%)

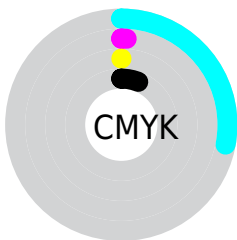
Blue (94%)



Red (67%)

Yellow (80%)

Blue (94%)

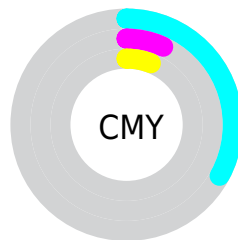


Cyan (28%)

Magenta (1%)

Yellow (0%)

Black (6%)



Cyan (33%)

Magenta (7%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.2989, -23.3110, -2.6036 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 87.2989, -23.3110, -2.6036 by changing the saturation by 10% instead.

87.2989, -23.3110,
-2.6036

87.2989, -23.3110,
-2.6036

219.5632,
-37.6107, 2.1380

75.2383, -21.6838,
-2.9333

113.1501,
-26.5208, -1.8070

63.7892, -20.0310,
-3.2154

126.8888,
-28.1104, -1.3483

52.9881, -18.3442,
-3.4442

141.1425,
-29.6948, -0.8518

42.8766, -16.6105,
-3.6145

155.8932,
-31.2763, -0.3194

33.5053, -14.8106,
-3.7196

171.1247,
-32.8572, 0.2471

24.9381, -12.9146,
-3.7508

186.8224,

17.2591, -10.8723,

-34.4390, 0.8464

-3.6970

202.9726,
-36.0231, 1.4771

■ 10.5861, -9.1035,
-3.5448

0.0000, NaN, -NF

■ 87.2989, -23.3110,
-2.6036

■ 87.2989, -23.3110,
-2.6036

■ 85.6327, -28.3053,
-4.8081

■ 89.2135, -17.5156,
-0.1216

■ 84.2084, -32.4580,
-6.7238

■ 91.3692, -10.9673,
2.6140

■ 83.0231, -35.7520,
-8.3405

■ 93.7632, -3.7285,
5.5817

■ 82.0674, -38.1928,
-9.6577

■ 95.0567, -0.4027,
7.1464

■ 81.3270, -39.8135,
-10.6845

■ 95.2762, -0.7777,
7.3935

■ 80.7812, -40.6806,
-11.4422

■ 95.4960, -1.1525,
7.6404

■ 80.3958, -40.9199,
-11.9739

■ 95.7161, -1.5269,
7.8873

■ 80.3383, -40.9331,
-12.0530

■ 95.9366, -1.9011,
8.1339

■ 96.1575, -2.2751,
8.3805

Harmonies

Analogous

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



87.3007, -24.3125, 7.8539



87.2989, -23.3110, -2.6036



87.3007, -17.4480, -12.0712

Triad

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



87.3007, -23.3121, -2.6023



87.3007, 12.1021, -8.7295



87.3007, -1.3155, 22.1565

Complementary

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



87.2989, -23.3110, -2.6036



71.9558, 19.2435, 12.5148

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.



87.3007, 8.9033, 18.7766



87.2989, -23.3110, -2.6036



87.3007, 16.8949, 1.5320

Square

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



87.3007, -23.3121, -2.6023



87.3007, 2.8788, -15.8978



87.3007, 15.6965, 11.5174



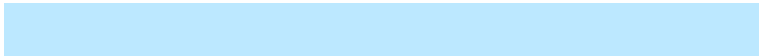
87.3007, -11.9569, 21.3349

Rectangle

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



87.2989, -23.3110, -2.6036



87.3007, -11.4051, -16.1411



87.3007, 15.6965, 11.5174



87.3007, 2.2905, 21.4911

Sweetspot

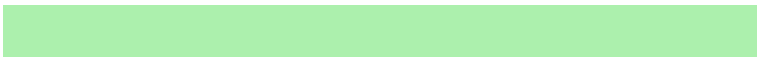
The Sweet Spot groups the original color and five complimentary colors.



87.3007, -23.3121, -2.6023



97.9553, -11.5219, 2.8941



86.0898, -35.1045, 25.1580



45.1492, -5.8447, 1.1261

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.3007, -23.3121, -2.6023



92.4575, -28.1721, -4.1902



76.5914, -6.9212, -16.7428



42.2429, -5.4487, 1.0613



59.4705, -30.3221, -8.8762



17.2254, -8.8329, -2.4625

Inverse Universe

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



73.6241, 31.4694, -19.2254



75.1221, 41.8534, -25.9615



81.3607, 1.8219, 21.7227



40.0287, 3.2298, -1.3617



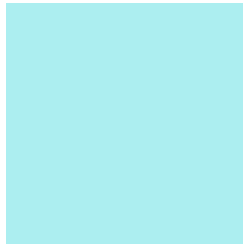
36.5564, 71.4194, -44.7139



10.5558, 20.6407, -13.0514

Previews

White Background



This preview shows how the HunterLab color 87.2989, -23.3110, -2.6036 looks on a white background.

Color Contrast Check

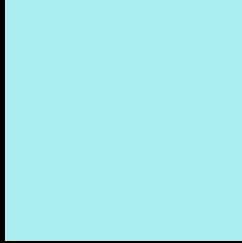
Large Text (above 18pt) WCAG AA × Fail

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 87.2989, -23.3110, -2.6036 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

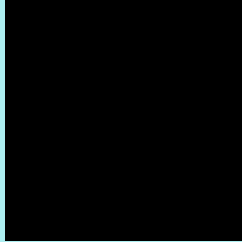
Any Text WCAG AA ✓ Pass

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 87.2989, -23.3110, -2.6036 Background



This preview shows how black text looks on a background with the HunterLab color 87.2989, -23.3110, -2.6036.



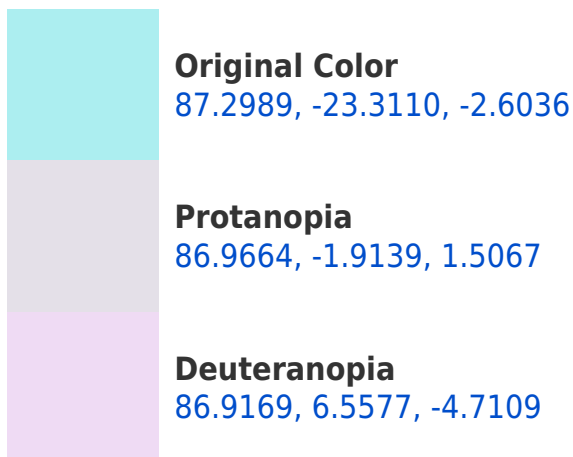
This preview shows how white text looks on a background with the HunterLab color 87.2989,

-23.3110,-2.6036.

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





Tritanopia

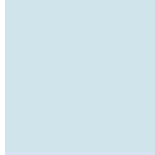
87.3641, -18.6003, -10.6982

Trichromacy



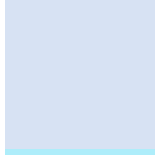
Original Color

87.2989, -23.3110, -2.6036



Protanomaly

86.8600, -10.1523, -0.3049



Deuteranomaly

86.7818, -5.0102, -4.5451



Tritanomaly

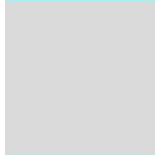
87.4467, -20.3608, -7.7934

Monochromacy



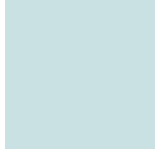
Original Color

87.2989, -23.3110, -2.6036



Achromatopsia

83.7318, -4.4677, 4.5493



Achromatomaly

84.7106, -11.8251, 1.6316

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.2989, -23.3110, -2.6036 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(172, 238, 240)` looks like.

```
.text, #text, p{  
    color:rgb(172, 238, 240)  
}
```

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(172, 238, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 238, 240) }
```

Border

The CSS property to change the border of an element to HunterLab 87.2989, -23.3110, -2.6036 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(172, 238, 240) }
```


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

```
.border{ border-color:rgb(172, 238, 240) }
```

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

Here you see how a box with a 4 pixel rgb(172, 238, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 238, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 238, 240);  
box-shadow:4px 4px 4px 4px rgb(172, 238,  
240) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.2989, -23.3110, -2.6036 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 238, 240) }
```

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

```
.background{ background-color: rgb(172,  
238, 240) }
```

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