

# Converting Colors

HunterLab(89.3275, -20.7154,  
0.1055)

Have a look what the booklet for  
HunterLab(89.3275, -20.7154,  
0.1055) contains.

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# Color

**HunterLab(89.3830,  
-20.7774, 0.0304)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCF1F0
RGB	188, 241, 240
RGB Percent	74%, 95%, 94%
CMY	0.2627, 0.0549, 0.0588
CMYK	0.22, 0.00, 0.00, 0.05
HSL	179°, 65%, 84%
HSV	179°, 22%, 95%
XYZ	67.9225, 79.8932, 94.2791
YIQ	225.0390, -31.2670, -11.5470

# Conversions

## Conversions Part 2

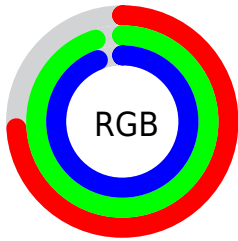
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	188, 215, 241
Decimal	12382704
CIE Lab	91.64, -16.93, -5.04
CIE LCh	92, 17.667, 196.588
Yxy	79.8965, 0.2806, 0.3300
Android (android.graphics.Color)	4290572784 (0xFFBCF1F0)
YUV	225.0390, 7.3758, -32.4832
Hunter-Lab	89.3830, -20.7774, 0.0304

# Details

The HunterLab color  $89.3830, -20.7774, 0.0304$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $76.3830, 14.5996, 9.9494$ , and the grayscale version is  $86.7695, -4.6298, 4.7144$ .

A 20% lighter version of the original color is  $99.0719, -8.5793, 4.2791$ , and  $65.6850, -18.0052, -0.7729$  is the 20% darker color. If you saturate the color by 10%, you get  $87.7837, -26.7225, -1.8166$ , and if you desaturate by 10%, it is  $91.2383, -14.0430, 2.1715$ .

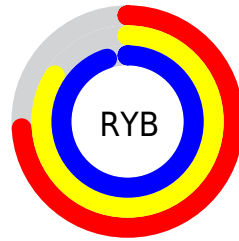
# Distribution



Red (74%)

Green (95%)

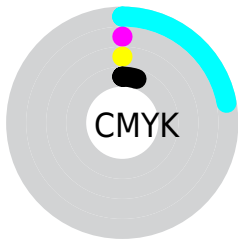
Blue (94%)



Red (74%)

Yellow (84%)

Blue (95%)

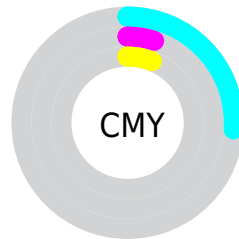


Cyan (22%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (26%)

Magenta (5%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 89.3830, -20.7774, 0.0304 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 89.3830, -20.7774, 0.0304 by changing the saturation by 10% instead.



89.3830, -20.7774,  
0.0304

89.3830, -20.7774,  
0.0304

222.3924,  
-33.9319, 5.6356

77.2225, -19.3100,  
-0.4130

115.4210,  
-23.6940, 1.0412

65.6681, -17.8274,  
-0.8139

129.2476,  
-25.1474, 1.6014

54.7555, -16.3240,  
-1.1676

143.5860,  
-26.6012, 2.1959

44.5249, -14.7900,  
-1.4695

158.4185,  
-28.0574, 2.8234

35.0252, -13.2111,  
-1.7139

173.7294,  
-29.5175, 3.4822

26.3177, -11.5654,  
-1.8934

189.5039,

18.4824, -9.8161,

-30.9826, 4.1713

-1.9978

205.7290,  
-32.4538, 4.8894

■ 11.6301, -7.9009,  
-2.0122

■ 4.2589, -7.4530,  
-4.6771

■ 89.3830, -20.7774,  
0.0304

■ 89.3830, -20.7774,  
0.0304

■ 87.7837, -26.7225,  
-1.8166

■ 91.2383, -14.0430,  
2.1715

■ 86.4343, -31.8287,  
-3.3603

■ 93.3418, -6.5741,  
4.5844

■ 85.3325, -36.0696,  
-4.5921

■ 95.1559, -0.2659,  
6.5968

■ 84.4699, -39.4391,  
-5.5128

■ 95.1702, -0.1879,  
6.3916

■ 83.8338, -41.9572,  
-6.1320

■ 95.1846, -0.1098,  
6.1860

■ 83.4060, -43.6736,  
-6.4693

■ 95.1991, -0.0314,  
5.9799

■ 83.1614, -44.6732,  
-6.5563

■ 95.2136, 0.0471,  
5.7734

■ 83.0634, -45.0872,  
-6.4918

■ 95.2281, 0.1257,  
5.5664

■ 95.2426, 0.2046,  
5.3589

# Harmonies

## Analogous

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



89.3848, -21.0092, 8.6043



89.3830, -20.7774, 0.0304



89.3848, -16.3712, -7.9529

# Triad

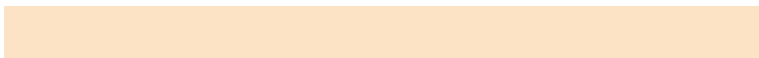
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.3848, -20.7787, 0.0318



89.3848, 8.1618, -7.2174



89.3848, -0.7200, 19.4573

# Complementary

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



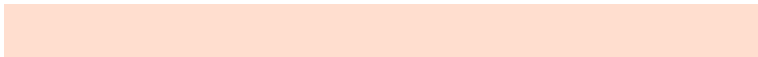
89.3830, -20.7774, 0.0304



76.3830, 14.5996, 9.9494

# 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.



89.3848, 7.4461, 16.0281



89.3830, -20.7774, 0.0304



89.3848, 12.7093, 0.9577

# Square

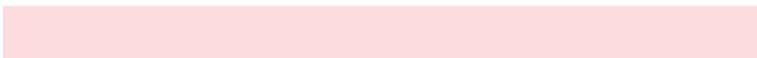
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.3848, -20.7787, 0.0318



89.3848, 0.2255, -12.4135



89.3848, 12.4423, 9.4434



89.3848, -9.6662, 19.2624

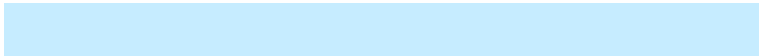


# Rectangle

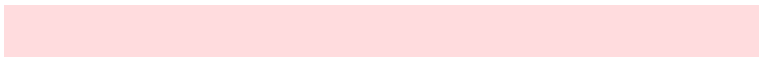
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



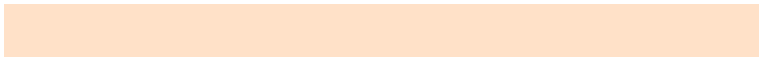
89.3830, -20.7774, 0.0304



89.3848, -11.5542, -11.6173



89.3848, 12.4423, 9.4434



89.3848, 2.2142, 18.7059

# Sweetspot

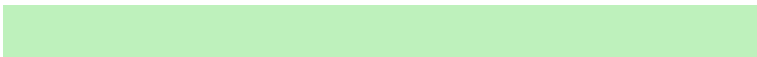
The Sweet Spot groups the original color and five complimentary colors.



89.3848, -20.7787, 0.0318



98.3609, -11.1077, 3.5591



88.0124, -28.8627, 21.6761



45.4437, -5.3614, 1.5748

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

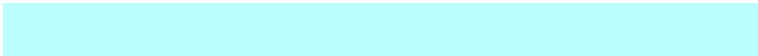


# Same Dimension

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



89.3848, -20.7787, 0.0318



94.5727, -24.8494, -0.8100



81.4207, -8.2225, -10.5752



42.3362, -5.6428, 1.2710



61.1681, -33.1893, -4.8086



17.6472, -9.5450, -1.4526



# Inverse Universe

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



76.3830, 14.5996, 9.9494



78.2573, 19.6646, 11.6776



83.5397, 1.4152, 17.7341



39.7035, 1.4852, 3.2666



31.8569, 54.5798, 20.3999

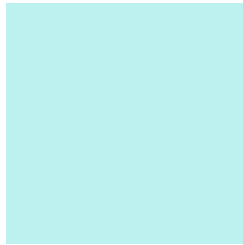


9.1976, 15.7765, 5.7472



# Previews

## White Background



This preview shows how the HunterLab color 89.3830, -20.7774, 0.0304 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

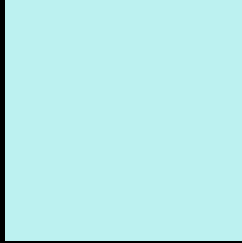
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 89.3830, -20.7774, 0.0304 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

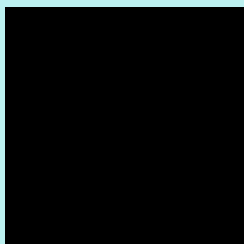
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

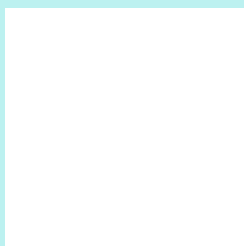
Any Text WCAG AAA ✓ Pass

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

## HunterLab 89.3830, -20.7774, 0.0304 Background



This preview shows how black text looks on a background with the HunterLab color 89.3830, -20.7774, 0.0304.



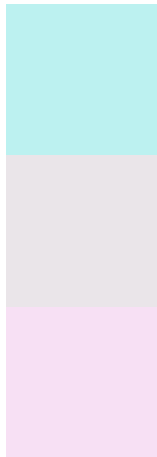
This preview shows how white text looks on a background with the HunterLab color 89.3830,

-20.7774, 0.0304.

# 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

89.3830, -20.7774, 0.0304

### Protanopia

89.1147, -2.3999, 3.5798

### Deuteranopia

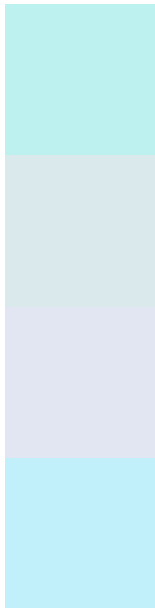
89.2284, 6.5747, -1.7738



## Tritanopia

89.5013, -14.2492, -7.7719

# Trichromacy



## Original Color

89.3830, -20.7774, 0.0304

## Protanomaly

88.9301, -9.3143, 1.7278

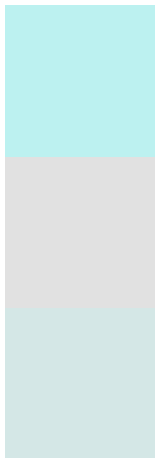
## Deuteranomaly

89.0132, -3.6925, -1.6948

## Tritanomaly

89.4274, -16.5478, -5.1480

# Monochromacy



## Original Color

89.3830, -20.7774, 0.0304

## Achromatopsia

86.7722, -4.6299, 4.7145

## Achromatomaly

87.6710, -10.8820, 3.2038

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 89.3830, -20.7774, 0.0304 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(188, 241, 240)` looks like.

```
.text, #text, p{  
    color:rgb(188, 241, 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(188, 241, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 241, 240) }
```

## Border

The CSS property to change the border of an element to HunterLab 89.3830, -20.7774, 0.0304 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(188, 241, 240) }
```



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

```
.border{ border-color:rgb(188, 241, 240) }
```

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

Here you see how a box with a 4 pixel rgb(188, 241, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 241, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 241, 240);  
box-shadow:4px 4px 4px 4px rgb(188, 241,  
240) }
```

# Background

The CSS property to change the background color of an element to HunterLab 89.3830, -20.7774, 0.0304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 241, 240) }
```

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

```
.background{ background-color: rgb(188,  
241, 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](#).

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