

# Converting Colors

HunterLab(90.3481, -21.1362,  
-0.5639)

Have a look what the booklet for  
HunterLab(90.3481, -21.1362,  
-0.5639) contains.

<b>HunterLab(90.2170, -20.9345, -0.5013)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(90.2170,  
-20.9345, -0.5013)**

# Conversions

## Conversions Part 1

Format	Color
Hex	<code>BDF3F3</code>
RGB	189, 243, 243
RGB Percent	74%, 95%, 95%
CMY	0.2588, 0.0470, 0.0471
CMYK	0.22, 0.00, 0.00, 0.05
HSL	180°, 69%, 85%
HSV	180°, 22%, 95%
XYZ	69.2145, 81.3911, 96.8561
YIQ	226.8540, -32.1840, -11.4480

# Conversions

## Conversions Part 2

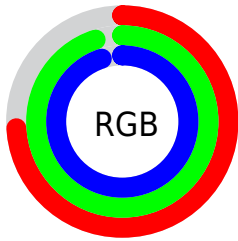
Format	Color
<b>R<sub>YB</sub></b>	189, 216, 243
Decimal	12448755
CIE Lab	92.31, -17.00, -5.61
CIE LCh	92, 17.899, 198.273
Yxy	81.3944, 0.2797, 0.3289
Android (android.graphics.Color)	4290638835 (0xFFBDF3F3)
YUV	226.8540, 7.9600, -33.1980
Hunter-Lab	90.2170, -20.9345, -0.5013

# Details

The HunterLab color **90.2170, -20.9345, -0.5013** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.8936, 14.8128, 10.5160**, and the grayscale version is **87.5586, -4.6719, 4.7572**.

A 20% lighter version of the original color is **99.1629, -8.2600, 4.3927**, and **66.4807, -18.1472, -1.2812** is the 20% darker color. If you saturate the color by 10%, you get **88.6243, -26.8233, -2.5875**, and if you desaturate by 10%, it is **92.0689, -14.2421, 1.8763**.

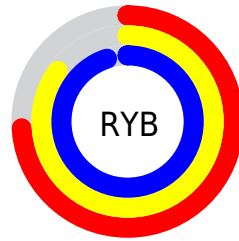
# Distribution



Red (74%)

Green (95%)

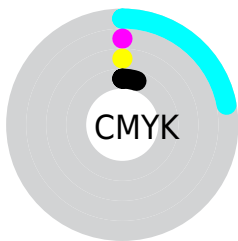
Blue (95%)



Red (74%)

Yellow (85%)

Blue (95%)

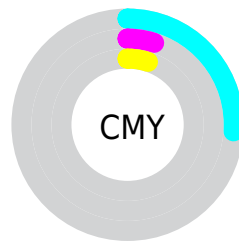


Cyan (22%)

Magenta (0%)

Yellow (0%)

Black (5%)



Cyan (26%)

Magenta (5%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 90.2170, -20.9345, -0.5013 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 90.2170, -20.9345, -0.5013 by changing the saturation by 10% instead.



90.2170, -20.9345,  
-0.5013

90.2170, -20.9345,  
-0.5013

223.5217,  
-34.1140, 4.9438

78.0170, -19.4646,  
-0.9239

116.3290,  
-23.8564, 0.4702

66.4209, -17.9797,  
-1.3033

130.1904,  
-25.3126, 1.0116

55.4642, -16.4743,  
-1.6344

144.5623,  
-26.7693, 1.5880

45.1866, -14.9388,  
-1.9127

159.4273,  
-28.2283, 2.1978

35.6363, -13.3592,  
-2.1324

174.7696,  
-29.6912, 2.8395

26.8737, -11.7141,  
-2.2859

190.5747,

18.9770, -9.9680,

-31.1591, 3.5118

-2.3630

206.8295,  
-32.6331, 4.2136

■ 12.0546, -8.0555,  
-2.3491

■ 5.0536, -8.8438,  
-4.3283

■ 90.2170, -20.9345,  
-0.5013

■ 90.2170, -20.9345,  
-0.5013

■ 88.6243, -26.8233,  
-2.5875

■ 92.0689, -14.2421,  
1.8763

■ 87.2843, -31.8598,  
-4.3715

■ 94.1722, -6.8005,  
4.5216

■ 86.1945, -36.0189,  
-5.8433

■ 95.8308, -1.0509,  
6.5676

■ 85.3463, -39.2965,  
-7.0022

■ 95.8309, -1.0507,  
6.5670

■ 84.7265, -41.7146,  
-7.8566

■ 95.8309, -1.0505,  
6.5664

■ 84.3165, -43.3256,  
-8.4253

■ 95.8310, -1.0502,  
6.5658

■ 84.0905, -44.2171,  
-8.7396

■ 95.8310, -1.0500,  
6.5652

■ 84.0087, -44.5406,  
-8.8533

■ 95.8310, -1.0497,  
6.5646

■ 95.8311, -1.0495,  
6.5639

# Harmonies

## Analogous

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



90.2188, -21.4184, 8.2490



90.2170, -20.9345, -0.5013



90.2188, -16.2406, -8.5044

# Triad

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



90.2188, -20.9358, -0.4999



90.2188, 8.7009, -6.9629



90.2188, -1.2123, 19.8187

# Complementary

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



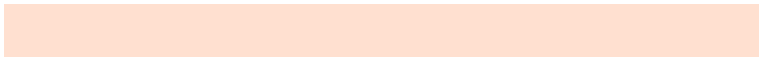
90.2170, -20.9345, -0.5013



76.8936, 14.8128, 10.5160

# 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.



90.2188, 7.2013, 16.5377



90.2170, -20.9345, -0.5013



90.2188, 13.0754, 1.4400

# Square

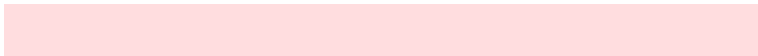
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.2188, -20.9358, -0.4999



90.2188, 0.7683, -12.4844



90.2188, 12.5158, 10.0060

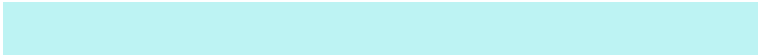


90.2188, -10.2730, 19.4110

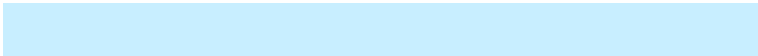


# Rectangle

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



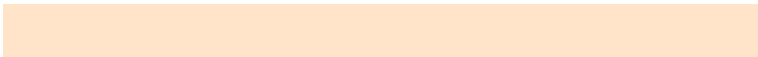
90.2170, -20.9345, -0.5013



90.2188, -11.2442, -12.0742



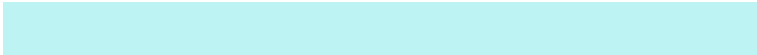
90.2188, 12.5158, 10.0060



90.2188, 1.7918, 19.1251

# Sweetspot

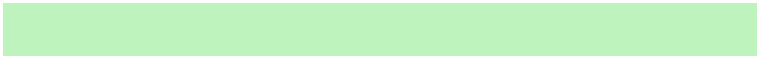
The Sweet Spot groups the original color and five complimentary colors.



90.2188, -20.9358, -0.4999



98.3719, -11.0466, 3.4021



88.7203, -29.6178, 21.9758



45.4492, -5.3306, 1.4958

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



90.2188, -20.9358, -0.4999



94.4445, -25.2374, -1.6360



81.7720, -7.8631, -11.2340



43.3103, -5.7424, 1.2034



62.2352, -32.9964, -6.5588



18.4504, -9.7821, -1.9446



# Inverse Universe

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



76.8936, 14.8128, 10.5160



77.4550, 20.4954, 12.4608



84.4887, 1.0404, 18.2936



40.5987, 1.4943, 3.4324



32.3387, 55.3811, 20.8960

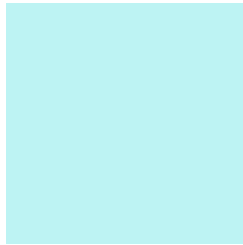


9.5873, 16.4185, 6.1945



# Previews

## White Background



This preview shows how the HunterLab color 90.2170, -20.9345, -0.5013 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

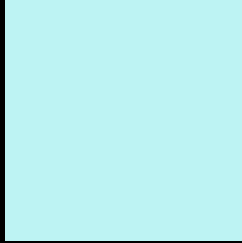
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 90.2170, -20.9345, -0.5013 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

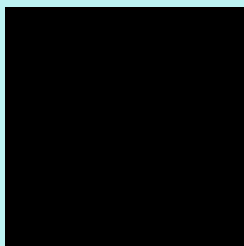
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

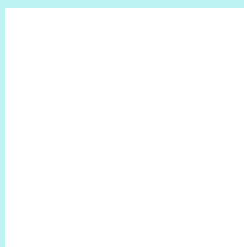
Any Text WCAG AAA ✓ Pass

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

## HunterLab 90.2170, -20.9345, -0.5013 Background



This preview shows how black text looks on a background with the HunterLab color 90.2170, -20.9345, -0.5013.



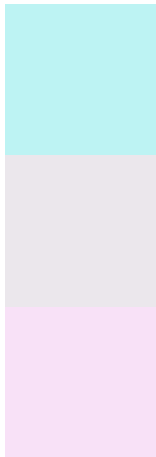
This preview shows how white text looks on a background with the HunterLab color 90.2170,

-20.9345,-0.5013.

# 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

90.2170, -20.9345, -0.5013

### Protanopia

89.9278, -2.5948, 3.0472

### Deuteranopia

89.7342, 6.9258, -2.7263



## Tritanopia

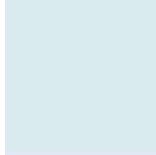
90.1290, -13.6726, -6.9386

# Trichromacy



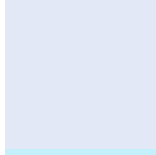
## Original Color

90.2170, -20.9345, -0.5013



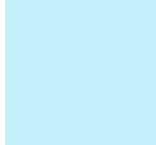
## Protanomaly

89.7519, -9.4923, 1.1932



## Deuteranomaly

89.8320, -3.8666, -2.2590



## Tritanomaly

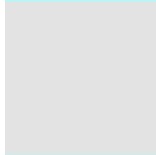
90.0117, -16.0524, -4.9330

# Monochromacy



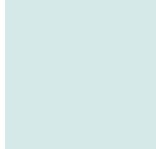
## Original Color

90.2170, -20.9345, -0.5013



## Achromatopsia

87.6442, -4.6765, 4.7619



## Achromatomaly

88.4913, -11.0625, 2.6827

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 90.2170, -20.9345, -0.5013 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(189, 243, 243)` looks like.

```
.text, #text, p{  
    color:rgb(189, 243, 243)  
}
```

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(189, 243, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 243, 243) }
```

## Border

The CSS property to change the border of an element to HunterLab 90.2170, -20.9345, -0.5013 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(189, 243, 243) }
```



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

```
.border{ border-color:rgb(189, 243, 243) }
```

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

Here you see how a box with a 4 pixel rgb(189, 243, 243) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 243, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 243, 243);  
box-shadow:4px 4px 4px 4px rgb(189, 243,  
243) }
```

# Background

The CSS property to change the background color of an element to HunterLab 90.2170, -20.9345, -0.5013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 243, 243) }
```

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

```
.background{ background-color: rgb(189,  
243, 243) }
```

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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