

# Converting Colors

HunterLab(90.0221, -20.6386,  
-2.2143)

Have a look what the booklet for  
HunterLab(90.0221, -20.6386,  
-2.2143) contains.

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# Color

**HunterLab(90.1775,  
-20.8763, -2.1235)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BBF3F6
RGB	187, 243, 246
RGB Percent	73%, 95%, 96%
CMY	0.2667, 0.0470, 0.0353
CMYK	0.24, 0.01, 0.00, 0.04
HSL	183°, 77%, 85%
HSV	183°, 24%, 96%
XYZ	69.1787, 81.3198, 99.2390
YIQ	226.5980, -34.3390, -10.9390

# Conversions

## Conversions Part 2

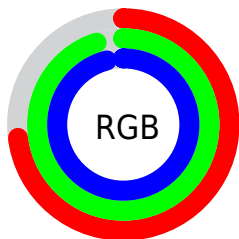
Format	Color
R <sub>Y</sub> B	187, 216, 246
Decimal	12317686
CIE Lab	92.28, -16.94, -7.23
CIE LCh	92, 18.417, 203.119
Yxy	81.3231, 0.2770, 0.3256
Android (android.graphics.Color)	4290507766 (0xFFBBF3F6)
YUV	226.5980, 9.5652, -34.7274
Hunter-Lab	90.1775, -20.8763, -2.1235

# Details

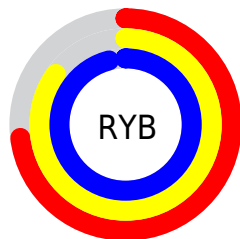
The HunterLab color  $90.1775, -20.8763, -2.1235$  is a light color, and the websafe version is hex  $CCFFFF$ . A complement of this color would be  $77.4648, 15.1129, 12.0134$ , and the grayscale version is  $87.4409, -4.6656, 4.7508$ .

A 20% lighter version of the original color is  $98.9814, -8.8975, 4.1659$ , and  $66.4559, -18.0435, -2.8283$  is the 20% darker color. If you saturate the color by 10%, you get  $88.1681, -26.1481, -4.7613$ , and if you desaturate by 10%, it is  $92.4373, -14.8149, 0.7757$ .

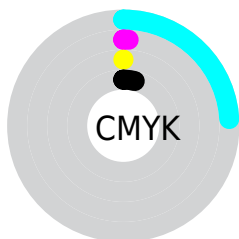
# Distribution



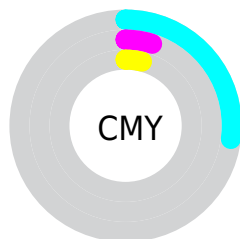
- Red (73%)
- Green (95%)
- Blue (96%)



- Red (73%)
- Yellow (85%)
- Blue (96%)



- Cyan (24%)
- Magenta (1%)
- Yellow (0%)
- Black (4%)



- Cyan (27%)
- Magenta (5%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 90.1775, -20.8763, -2.1235 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 90.1775, -20.8763, -2.1235 by changing the saturation by 10% instead.



90.1775, -20.8763,  
-2.1235

90.1775, -20.8763,  
-2.1235

223.4683,  
-34.0342, 2.8139

77.9793, -19.4092,  
-2.4797

116.2860,  
-23.7928, -1.2774

66.3853, -17.9273,  
-2.7900

130.1457,  
-25.2464, -0.7954

55.4307, -16.4252,  
-3.0488

144.5161,  
-26.7006, -0.2767

45.1553, -14.8931,  
-3.2511

159.3796,  
-28.1573, 0.2772

35.6073, -13.3173,  
-3.3909

174.7204,  
-29.6179, 0.8645

26.8473, -11.6762,  
-3.4599

190.5240,

18.9536, -9.9346,

-31.0836, 1.4839

-3.4476

206.7774,  
-32.5554, 2.1340

■ 12.0344, -8.0272,  
-3.3404

■ 5.0188, -8.7830,  
-5.6994

■ 90.1775, -20.8763,  
-2.1235

■ 90.1775, -20.8763,  
-2.1235

■ 88.1681, -26.1481,  
-4.7613

■ 92.4373, -14.8149,  
0.7757

■ 86.4052, -30.5791,  
-7.1214

■ 94.9378, -8.0189,  
3.9083

■ 84.8888, -34.1396,  
-9.1870

■ 97.1004, -2.5292,  
6.5498

■ 83.6127, -36.8199,  
-10.9496

■ 97.4939, -3.1926,  
6.9956

■ 82.5661, -38.6371,  
-12.4101

■ 97.8885, -3.8551,  
7.4409

■ 81.7316, -39.6397,  
-13.5810

■ 98.2842, -4.5167,  
7.8857

■ 81.0840, -39.9167,  
-14.4901

■ 98.6808, -5.1775,  
8.3299

■ 80.7579, -39.8355,  
-14.9470

■ 99.0785, -5.8373,  
8.7737

■ 99.4772, -6.4963,  
9.2169

# Harmonies

## Analogous

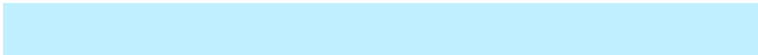
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.1793, -22.1037, 6.9487



90.1775, -20.8763, -2.1235



90.1793, -15.4317, -9.9898

# Triad

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



90.1793, -20.8776, -2.1221



90.1793, 10.1338, -6.0565



90.1793, -2.6363, 20.3941

# Complementary

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



90.1775, -20.8763, -2.1235



77.4648, 15.1129, 12.0134

# 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.



90.1793, 6.3134, 17.6320



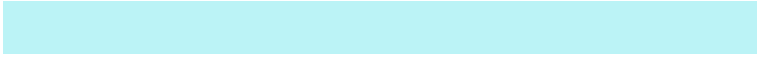
90.1775, -20.8763, -2.1235



90.1793, 13.8796, 2.8199

# Square

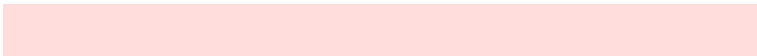
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



90.1793, -20.8776, -2.1221



90.1793, 2.4061, -12.4191



90.1793, 12.4536, 11.4154

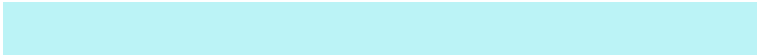


90.1793, -11.8189, 19.3609

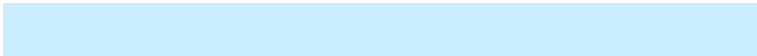


# Rectangle

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



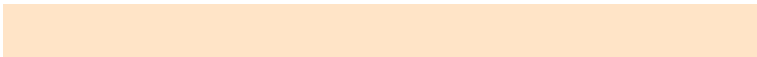
90.1775, -20.8763, -2.1235



90.1793, -10.0162, -13.1847



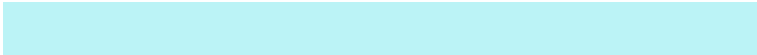
90.1793, 12.4536, 11.4154



90.1793, 0.5036, 19.8890

# Sweetspot

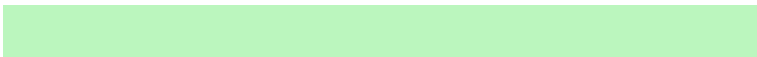
The Sweet Spot groups the original color and five complimentary colors.



90.1793, -20.8776, -2.1221



98.0781, -10.5749, 3.0581



89.5508, -31.6560, 22.3909



45.3014, -5.0940, 1.3224

0.0000, NaN, NaN

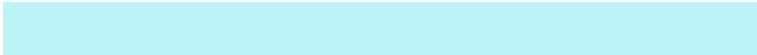


46.2646, -2.4686, 2.5136



# Same Dimension

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



90.1793, -20.8776, -2.1221



92.8420, -24.6388, -3.6401



80.6759, -6.0785, -14.4717



43.1335, -5.4619, 0.9950



59.0552, -29.1700, -10.8442



17.6315, -8.7987, -3.0440



# Inverse Universe

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



78.4897, 26.2839, -15.2298



78.2997, 34.4661, -20.4101



86.0700, -0.4182, 20.6417



40.9303, 3.2739, -1.2888



36.9053, 71.7695, -42.5703

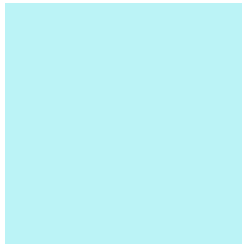


10.9611, 21.3467, -12.8821



# Previews

## White Background



This preview shows how the HunterLab color 90.1775, -20.8763, -2.1235 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

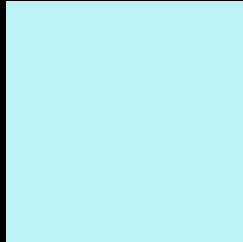
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 90.1775, -20.8763, -2.1235 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

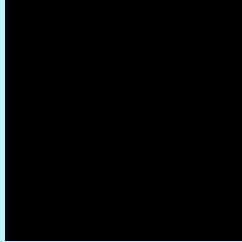
Any Text WCAG AA ✓ Pass

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 90.1775, -20.8763, -2.1235 Background



This preview shows how black text looks on a background with the HunterLab color 90.1775, -20.8763, -2.1235.



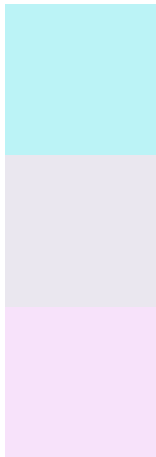
This preview shows how white text looks on a background with the HunterLab color 90.1775, -20.8763, -2.1235.

-20.8763,-2.1235.

# 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

90.1775, -20.8763, -2.1235

### Protanopia

89.9312, -2.3875, 1.5356

### Deuteranopia

90.0383, 6.6018, -3.9594



## Tritanopia

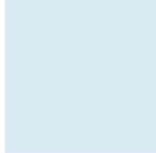
90.0528, -13.9452, -7.0429

# Trichromacy



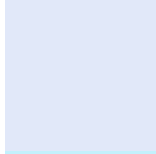
## Original Color

90.1775, -20.8763, -2.1235



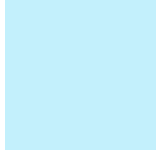
## Protanomaly

89.7659, -9.2437, -0.3330



## Deuteranomaly

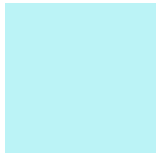
89.7554, -3.9255, -3.9641



## Tritanomaly

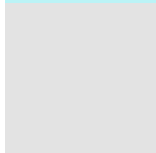
89.9725, -16.1231, -5.5306

# Monochromacy



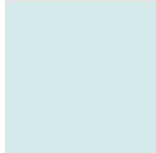
## Original Color

90.1775, -20.8763, -2.1235



## Achromatopsia

87.6442, -4.6765, 4.7619



## Achromatomaly

88.4395, -11.1819, 2.1149

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 90.1775, -20.8763, -2.1235 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(187, 243, 246)` looks like.

```
.text, #text, p{  
    color:rgb(187, 243, 246)  
}
```

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(187, 243, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 243, 246) }
```

## Border

The CSS property to change the border of an element to HunterLab 90.1775, -20.8763, -2.1235 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(187, 243, 246) }
```



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

```
.border{ border-color:rgb(187, 243, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 243, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 243, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 243, 246);  
box-shadow:4px 4px 4px 4px rgb(187, 243,  
246) }
```

# Background

The CSS property to change the background color of an element to HunterLab 90.1775, -20.8763, -2.1235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 243, 246) }
```

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

```
.background{ background-color: rgb(187,  
243, 246) }
```

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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