

Converting Colors

HunterLab(97.0981, -25.0402,
20.7709)

Have a look what the booklet for
HunterLab(97.0981, -25.0402,
20.7709) contains.

HunterLab(95.6764, -23.2451, 19.5382)	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(95.6764,
-23.2451, 19.5382)**

Conversions

Conversions Part 1

Format	Color
Hex	DCFFD5
RGB	220, 255, 213
RGB Percent	86%, 100%, 84%
CMY	0.1373, 0.0000, 0.1647
CMYK	0.14, 0.00, 0.16, 0.00
HSL	110°, 100%, 92%
HSV	110°, 16%, 100%
XYZ	77.2854, 91.5397, 76.5464
YIQ	239.7470, -7.3780, -20.4820

Conversions

Conversions Part 2

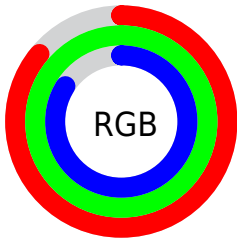
Format	Color
R_{YB}	213, 255, 248
Decimal	14483413
CIE _{Lab}	96.63, -18.80, 16.36
CIE _{LCh}	97, 24.917, 138.972
Yxy	91.5400, 0.3150, 0.3731
Android (android.graphics.Color)	4292673493 (0xFFDCFFD5)
YUV	239.7470, -13.1863, -17.3181
Hunter-Lab	95.6764, -23.2451, 19.5382

Details

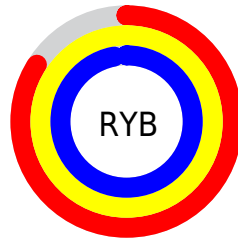
The HunterLab color $95.6764, -23.2451, 19.5382$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $86.4675, 14.9797, -11.3286$, and the grayscale version is $93.2944, -4.9780, 5.0689$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $71.3135, -19.9648, 16.6996$ is the 20% darker color. If you saturate the color by 10%, you get $93.4010, -32.9788, 26.9528$, and if you desaturate by 10%, it is $98.2180, -12.6273, 11.2374$.

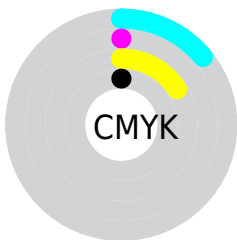
Distribution



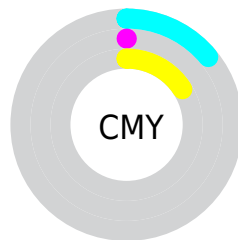
- Red (86%)
- Green (100%)
- Blue (84%)



- Red (84%)
- Yellow (100%)
- Blue (97%)



- Cyan (14%)
- Magenta (0%)
- Yellow (16%)
- Black (0%)



- Cyan (14%)
- Magenta (0%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 95.6764, -23.2451, 19.5382 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 95.6764, -23.2451, 19.5382 by changing the saturation by 10% instead.

95.6764, -23.2451,
19.5382

95.6764, -23.2451,
19.5382

230.8740,
-37.0807, 32.5362

83.2218, -21.6894,
18.0936

122.2603,
-26.3251, 22.4088

71.3599, -20.1181,
16.6381

136.3447,
-27.8580, 23.8425

60.1222, -18.5236,
15.1647

150.9320,
-29.3893, 25.2782

49.5456, -16.8964,
13.6643

166.0053,
-30.9210, 26.7176

39.6741, -15.2229,
12.1241

181.5494,
-32.4548, 28.1620

30.5624, -13.4828,
10.5250

197.5505,

22.2800, -11.6439,

-33.9920, 29.6127

8.8366

213.9960,
-35.5336, 31.0705

■ 14.9203, -9.6498,
7.0217

■ 8.5685, -10.0169,
5.9980

■ 95.6764, -23.2451,
19.5382

■ 95.6764, -23.2451,
19.5382

■ 93.4010, -32.9788,
26.9528

■ 98.2180, -12.6273,
11.2374

■ 91.3973, -41.7345,
33.4130

100.0000, -5.3358,
5.4332

■ 89.6687, -49.4276,
38.8628

■ 88.2149, -55.9930,
43.2691

■ 87.0313, -61.3916,
46.6271

■ 86.1089, -65.6178,
48.9674

■ 85.4327, -68.7056,
50.3636

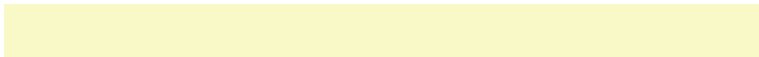
■ 84.9810, -70.7378,
50.9462

■ 84.8662, -71.2503,
51.0468

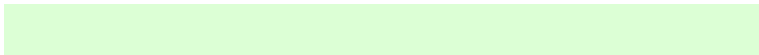
Harmonies

Analogous

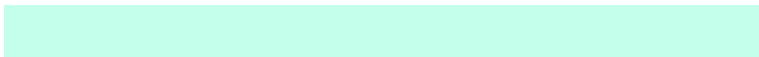
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.6766, -13.1008, 25.0743



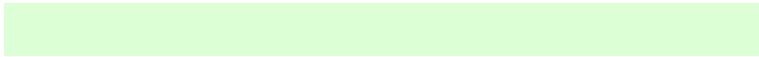
95.6764, -23.2451, 19.5382



95.6766, -28.4272, 9.6454

Triad

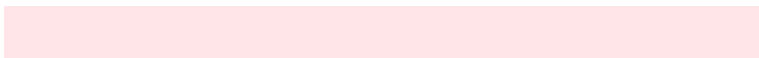
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



95.6766, -23.2444, 19.5375



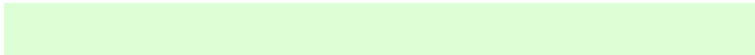
95.6766, -9.8446, -21.1912



95.6766, 19.6916, 12.6195

Complementary

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



95.6764, -23.2451, 19.5382



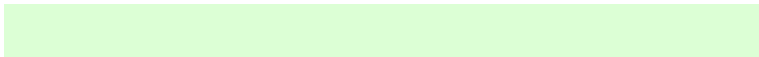
86.4675, 14.9797, -11.3286

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.



95.6766, 20.6785, 0.5471



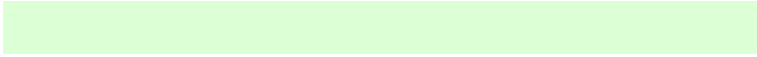
95.6764, -23.2451, 19.5382



95.6766, 3.1515, -20.1150

Square

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



95.6766, -23.2444, 19.5375



95.6766, -20.9703, -14.5203



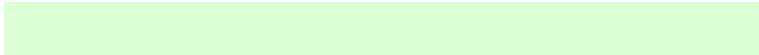
95.6766, 14.4841, -11.7508



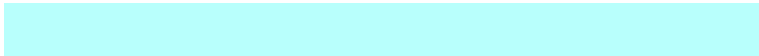
95.6766, 11.8555, 21.4639

Rectangle

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



95.6764, -23.2451, 19.5382



95.6766, -28.5676, 1.4256



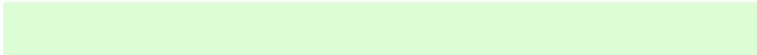
95.6766, 14.4841, -11.7508



95.6766, 20.8505, 8.8419

Sweetspot

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



95.6766, -23.2444, 19.5375



98.6134, -10.9986, 9.9476



96.5397, -8.4198, 20.6778



45.5353, -5.4497, 4.8885

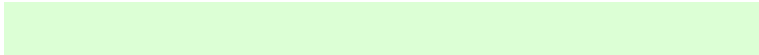
0.0000, NaN, NaN



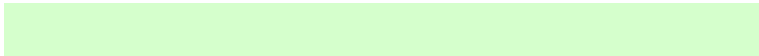
46.2646, -2.4686, 2.5136

Same Dimension

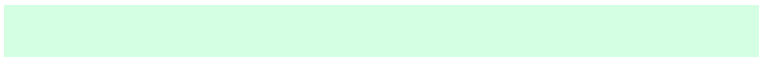
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.6766, -23.2444, 19.5375



94.8425, -26.7868, 22.2602



95.5053, -23.0964, 13.3292



45.0705, -7.3730, 6.4054



61.3806, -51.3567, 36.9233



19.2543, -15.5948, 11.5914

Inverse Universe

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



86.4675, 14.9797, -11.3286



83.7193, 19.4234, -15.0737



86.7182, 14.7918, -3.2037



42.5889, 2.9151, -1.8967



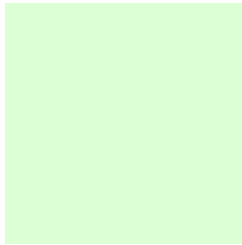
33.4399, 68.5482, -65.8437



10.6190, 21.6444, -19.9521

Previews

White Background



This preview shows how the HunterLab color 95.6764, -23.2451, 19.5382 looks on a white background.

Color Contrast Check

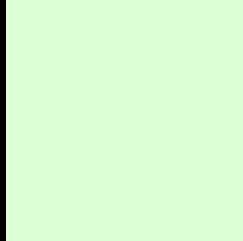
Large Text (above 18pt) WCAG AA × Fail

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 95.6764, -23.2451, 19.5382 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

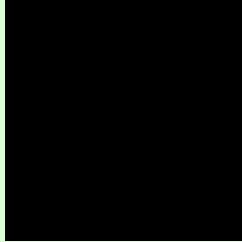
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

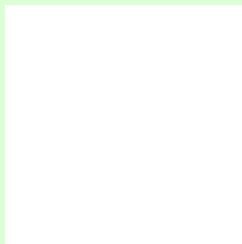
Any Text WCAG AAA ✓ Pass

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

HunterLab 95.6764, -23.2451, 19.5382 Background



This preview shows how black text looks on a background with the HunterLab color 95.6764, -23.2451, 19.5382.



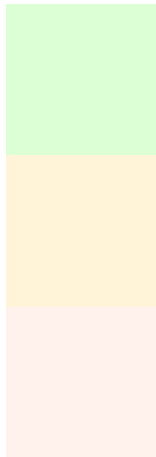
This preview shows how white text looks on a background with the HunterLab color 95.6764,

-23.2451,19.5382.

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

95.6764, -23.2451, 19.5382

Protanopia

95.3516, -5.8990, 18.2560

Deuteranopia

95.3303, -1.5327, 8.8847

Tritanopia

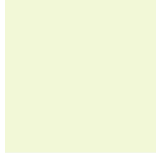
95.5556, -6.0760, 0.0726

Trichromacy



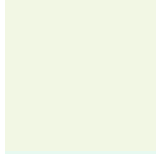
Original Color

95.6764, -23.2451, 19.5382



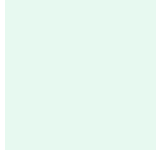
Protanomaly

95.3511, -12.5136, 18.5599



Deuteranomaly

95.3940, -9.9801, 12.9873



Tritanomaly

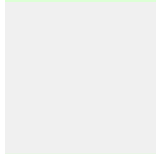
95.4105, -12.5119, 7.3437

Monochromacy



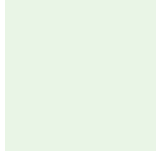
Original Color

95.6764, -23.2451, 19.5382



Achromatopsia

93.3470, -4.9808, 5.0717



Achromatomaly

93.9902, -11.5274, 10.4902

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 95.6764, -23.2451, 19.5382 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(220, 255, 213)` looks like.

```
.text, #text, p{  
    color:rgb(220, 255, 213)  
}
```

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(220, 255, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 255, 213) }
```

Border

The CSS property to change the border of an element to HunterLab 95.6764, -23.2451, 19.5382 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(220, 255, 213) }
```


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

```
.border{ border-color:rgb(220, 255, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 255, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 255, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 255, 213);  
box-shadow:4px 4px 4px 4px rgb(220, 255,  
213) }
```

Background

The CSS property to change the background color of an element to HunterLab 95.6764, -23.2451, 19.5382 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 255, 213) }
```

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

```
.background{ background-color: rgb(220,  
255, 213) }
```

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