

Converting Colors

HunterLab(83.9994, -24.0403,
10.7815)

Have a look what the booklet for
HunterLab(83.9994, -24.0403,
10.7815) contains.

HunterLab(84.0149, -23.9964, 10.5895)	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(84.0149,
-23.9964, 10.5895)**

Conversions

Conversions Part 1

Format	Color
Hex	B3E6CD
RGB	179, 230, 205
RGB Percent	70%, 90%, 80%
CMY	0.2980, 0.0980, 0.1961
CMYK	0.22, 0.00, 0.11, 0.10
HSL	151°, 51%, 80%
HSV	151°, 22%, 90%
XYZ	57.9066, 70.5850, 68.3298
YIQ	211.9010, -22.3710, -18.5870

Conversions

Conversions Part 2

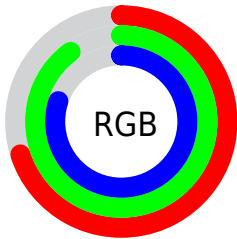
Format	Color
RYB	179, 213, 230
Decimal	11790029
CIELab	87.28, -21.32, 6.85
CIELCh	87, 22.388, 162.197
Yxy	70.5880, 0.2942, 0.3586
Android (android.graphics.Color)	4289980109 (0xFFB3E6CD)
YUV	211.9010, -3.4022, -28.8542
Hunter-Lab	84.0149, -23.9964, 10.5895

Details

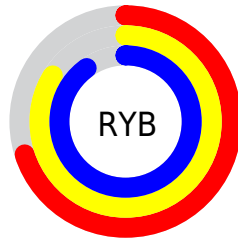
The HunterLab color $84.0149, -23.9964, 10.5895$ is a light color, and the websafe version is hex $CCFFCC$. A complement of this color would be $73.0921, 17.7732, -0.9917$, and the grayscale version is $81.1202, -4.3284, 4.4074$.

A 20% lighter version of the original color is $98.1846, -11.7097, 3.1658$, and $60.7177, -20.4735, 8.4659$ is the 20% darker color. If you saturate the color by 10%, you get $82.1870, -31.5075, 13.3881$, and if you desaturate by 10%, it is $86.0960, -15.7268, 7.9086$.

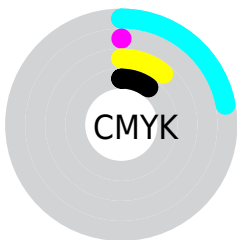
Distribution



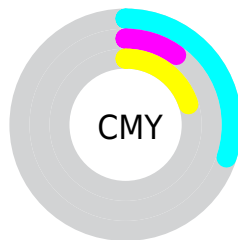
- Red (70%)
- Green (90%)
- Blue (80%)



- Red (70%)
- Yellow (84%)
- Blue (90%)



- Cyan (22%)
- Magenta (0%)
- Yellow (11%)
- Black (10%)



- Cyan (30%)
- Magenta (10%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.0149, -23.9964, 10.5895 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 84.0149, -23.9964, 10.5895 by changing the saturation by 10% instead.

■ 84.0149, -23.9964,
10.5895

■ 84.0149, -23.9964,
10.5895

215.0841,
-38.7870, 20.0894

■ 72.1152, -22.2971,
9.6202

■ 109.5659,
-27.3366, 12.5798

■ 60.8357, -20.5654,
8.6645

123.1635,
-28.9854, 13.5998

■ 50.2147, -18.7914,
7.7217

137.2814,
-30.6258, 14.6373

■ 40.2957, -16.9596,
6.7886

151.9008,
-32.2607, 15.6924

■ 31.1325, -15.0467,
5.8607

167.0053,
-33.8925, 16.7652

■ 22.7935, -13.0156,
4.9297

182.5796,

■ 15.3700, -10.8028,

-35.5231, 17.8557

3.9806

198.6101,
-37.1542, 18.9638

■ 8.9802, -10.8230,
3.6485

0.0000, NaN, NaN

■ 84.0149, -23.9964,
10.5895

■ 84.0149, -23.9964,
10.5895

■ 82.1870, -31.5075,
13.3881

■ 86.0960, -15.7268,
7.9086

■ 80.6095, -38.1837,
16.2715

■ 88.4199, -6.7751,
5.3659

■ 79.2832, -43.9696,
19.2062

■ 90.9808, 2.7725,
2.9806

■ 78.2029, -48.8297,
22.1537

■ 92.0678, 7.1868,
-1.4405

■ 77.3590, -52.7556,
25.0725

■ 92.2368, 8.0894,
-3.8366

■ 76.7358, -55.7726,
27.9199

■ 76.3106, -57.9472,
30.6523

■ 76.0832, -59.1871,
32.6707

Harmonies

Analogous

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



84.0166, -18.4495, 18.3610



84.0149, -23.9964, 10.5895



84.0166, -24.4907, 0.1354

Triad

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



84.0166, -23.9979, 10.5906



84.0166, 0.1044, -17.9799



84.0166, 12.0453, 17.1862

Complementary

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



84.0149, -23.9964, 10.5895



73.0921, 17.7732, -0.9917

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.



84.0166, 17.5823, 8.7815



84.0149, -23.9964, 10.5895



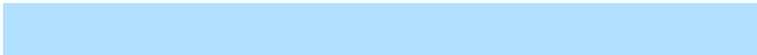
84.0166, 10.4505, -12.0376

Square

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



84.0166, -23.9979, 10.5906



84.0166, -10.9619, -17.3288



84.0166, 16.9838, -1.9250



84.0166, 2.1893, 21.8122

Rectangle

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



84.0149, -23.9964, 10.5895



84.0166, -21.9220, -7.0734



84.0166, 16.9838, -1.9250



84.0166, 14.4960, 14.7595

Sweetspot

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



84.0166, -23.9979, 10.5906



98.0915, -12.6013, 7.4015



85.2992, -20.6291, 22.5554



45.3084, -6.1123, 3.5047

0.0000, NaN, NaN



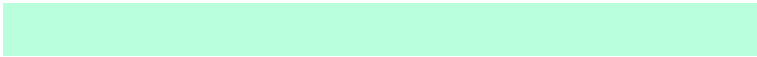
46.2646, -2.4686, 2.5136

Same Dimension

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



84.0166, -23.9979, 10.5906



93.3871, -31.2918, 13.4566



84.7901, -19.6023, -0.4467



40.2631, -6.2019, 3.3445



57.2672, -44.3985, 24.2646



15.6276, -11.6971, 5.7175

Inverse Universe

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



73.0921, 17.7732, -0.9917



78.4877, 25.7912, -2.2819



72.3321, 13.8156, 9.8538



38.0594, 2.1988, 0.9957



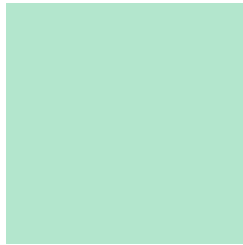
31.9697, 56.9274, 3.7725



8.7977, 15.8642, -0.4998

Previews

White Background



This preview shows how the HunterLab color 84.0149, -23.9964, 10.5895 looks on a white background.

Color Contrast Check

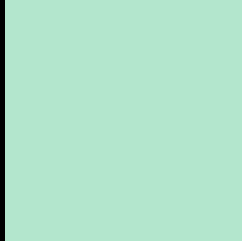
Large Text (above 18pt) WCAG AA × Fail

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 84.0149, -23.9964, 10.5895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

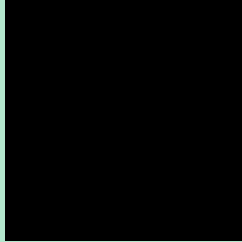
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

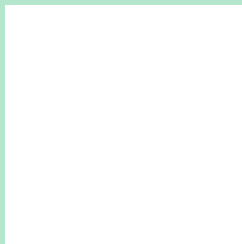
Any Text WCAG AAA ✓ Pass

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

HunterLab 84.0149, -23.9964, 10.5895 Background



This preview shows how black text looks on a background with the HunterLab color 84.0149, -23.9964, 10.5895.



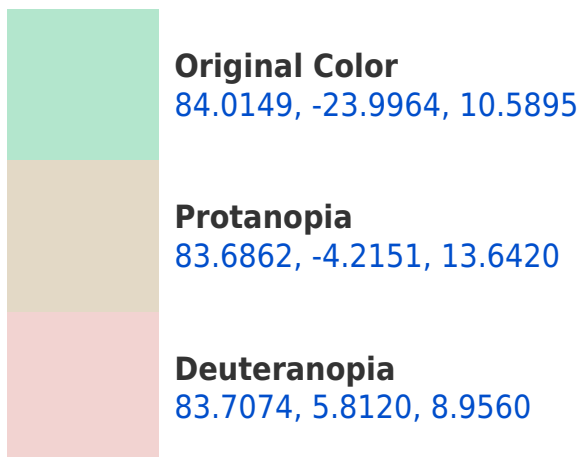
This preview shows how white text looks on a background with the HunterLab color 84.0149,

-23.9964, 10.5895.

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

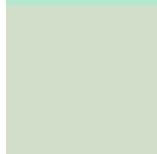
84.1193, -12.7755, -8.1553

Trichromacy



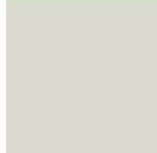
Original Color

84.0149, -23.9964, 10.5895



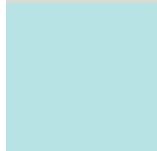
Protanomaly

83.7623, -11.8129, 12.2933



Deuteranomaly

83.5206, -5.8114, 9.0013



Tritanomaly

84.0610, -17.2779, -0.7890

Monochromacy



Original Color

84.0149, -23.9964, 10.5895



Achromatopsia

81.1403, -4.3294, 4.4085



Achromatomaly

82.1863, -12.0798, 6.9147

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 84.0149, -23.9964, 10.5895 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(179, 230, 205)` looks like.

```
.text, #text, p{  
    color:rgb(179, 230, 205)  
}
```

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(179, 230, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 230, 205) }
```

Border

The CSS property to change the border of an element to HunterLab 84.0149, -23.9964, 10.5895 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(179, 230, 205) }
```


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

```
.border{ border-color:rgb(179, 230, 205) }
```

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

Here you see how a box with a 4 pixel rgb(179, 230, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 230, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 230, 205);  
box-shadow:4px 4px 4px 4px rgb(179, 230,  
205) }
```

Background

The CSS property to change the background color of an element to HunterLab 84.0149, -23.9964, 10.5895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 230, 205) }
```

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

```
.background{ background-color: rgb(179,  
230, 205) }
```

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