

Converting Colors

HunterLab(75.0440, -23.3205,
25.1135)

Have a look what the booklet for
HunterLab(75.0440, -23.3205,
25.1135) contains.

HunterLab(75.0703, -23.1977, 25.0127)	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(75.0703,
-23.1977, 25.0127)**

Conversions

Conversions Part 1

Format	Color
Hex	B0D090
RGB	176, 208, 144
RGB Percent	69%, 82%, 56%
CMY	0.3098, 0.1843, 0.4353
CMYK	0.15, 0.00, 0.31, 0.18
HSL	90°, 41%, 69%
HSV	90°, 31%, 82%
XYZ	45.4944, 56.3555, 34.8655
YIQ	191.1360, 1.4720, -26.6880

Conversions

Conversions Part 2

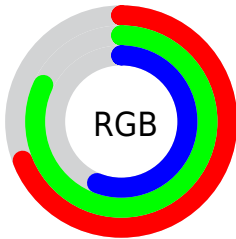
Format	Color
RYB	144, 208, 176
Decimal	11587728
CIELab	79.82, -21.88, 28.37
CIElCh	80, 35.829, 127.639
Yxy	56.3580, 0.3328, 0.4122
Android (android.graphics.Color)	4289777808 (0xFFB0D090)
YUV	191.1360, -23.2380, -13.2743
Hunter-Lab	75.0703, -23.1977, 25.0127

Details

The HunterLab color $75.0703, -23.1977, 25.0127$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $58.0795, 19.0377, -24.7998$, and the grayscale version is $72.3335, -3.8595, 3.9300$.

A 20% lighter version of the original color is $96.3084, -21.6898, 26.0745$, and $53.0212, -19.7331, 20.7456$ is the 20% darker color. If you saturate the color by 10%, you get $73.9006, -28.3938, 29.9529$, and if you desaturate by 10%, it is $76.3630, -17.5117, 19.1824$.

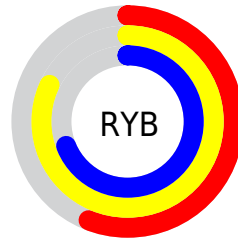
Distribution



Red (69%)

Green (82%)

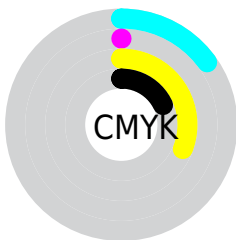
Blue (56%)



Red (56%)

Yellow (82%)

Blue (69%)

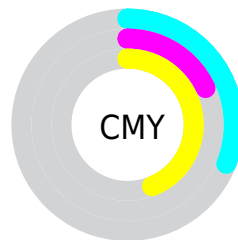


Cyan (15%)

Magenta (0%)

Yellow (31%)

Black (18%)



Cyan (31%)

Magenta (18%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.0703, -23.1977, 25.0127 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 75.0703, -23.1977, 25.0127 by changing the saturation by 10% instead.

■ 75.0703, -23.1977,
25.0127

■ 75.0703, -23.1977,
25.0127

202.7410,
-38.2561, 42.8200

■ 63.6317, -21.4456,
22.8530

■ 99.7636, -26.6233,
29.1672

■ 52.8401, -19.6506,
20.6157

■ 112.9595,
-28.3069, 31.1827

■ 42.7387, -17.7996,
18.2784

126.6907,
-29.9783, 33.1682

■ 33.3783, -15.8708,
15.8085

140.9372,
-31.6410, 35.1297

■ 24.8230, -13.8304,
13.1588

155.6810,
-33.2980, 37.0720

■ 17.1573, -11.6219,
10.6100

170.9059,

■ 10.4996, -9.8938,

-34.9516, 38.9991

7.3497

186.5970,
-36.6038, 40.9142

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 75.0703, -23.1977,
25.0127

■ 75.0703, -23.1977,
25.0127

■ 73.9006, -28.3938,
29.9529

■ 76.3630, -17.5117,
19.1824

■ 72.8489, -33.0741,
33.9943

■ 77.7728, -11.3562,
12.4785

■ 71.9156, -37.2269,
37.1466

■ 79.2999, -4.7626,
4.9302

■ 71.0984, -40.8474,
39.4372


■ 80.9420, 2.2372,
-3.4260


■ 70.3932, -43.9420,


■ 82.6963, 9.6101,


40.9158


-12.5484

 69.7940, -46.5315,
41.6611

 84.0131, 14.4607,
-14.7453

 69.3230, -48.5352,
41.8668

 85.1110, 18.0103,
-13.1454

 85.7870, 20.1747,
-12.1715

Harmonies

Analogous

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



75.0719, -8.3658, 29.1028



75.0703, -23.1977, 25.0127



75.0719, -32.2717, 15.1200

Triad

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



75.0719, -23.1995, 25.0135



75.0719, -16.2088, -31.3159



75.0719, 31.7503, 8.1587

Complementary

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



75.0703, -23.1977, 25.0127



58.0795, 19.0377, -24.7998

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.



75.0719, 29.1714, -8.9269



75.0703, -23.1977, 25.0127



75.0719, 0.4481, -34.3663

Square

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



75.0719, -23.1995, 25.0135



75.0719, -28.4968, -17.8337



75.0719, 17.3251, -25.4176



75.0719, 24.0840, 20.9054

Rectangle

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



75.0703, -23.1977, 25.0127



75.0719, -34.3419, 5.3736



75.0719, 17.3251, -25.4176



75.0719, 32.0643, 2.7760

Sweetspot

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



75.0719, -23.1995, 25.0135



98.2329, -12.9545, 14.2028



68.1735, 2.6419, 19.1064



45.3202, -6.5439, 7.1891

0.0000, NaN, NaN



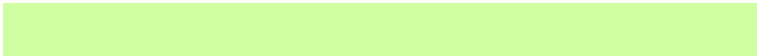
46.2646, -2.4686, 2.5136

Same Dimension

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



75.0719, -23.1995, 25.0135



93.5226, -33.6407, 35.7656



72.8404, -31.6704, 22.8517



36.7320, -4.9397, 5.4185



54.7791, -38.0995, 33.0877



13.1340, -8.2698, 7.9483

Inverse Universe

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



58.0795, 19.0377, -24.7998



67.8032, 30.6093, -40.4131



61.5728, 29.5828, -19.0064



34.2109, 1.2754, -1.8493



21.7496, 50.2966, -87.1051



5.5828, 12.4033, -18.4280

Previews

White Background



This preview shows how the HunterLab color 75.0703, -23.1977, 25.0127 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 75.0703, -23.1977, 25.0127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

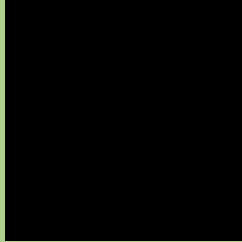
Any Text WCAG AA ✓ Pass

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 75.0703, -23.1977, 25.0127 Background



This preview shows how black text looks on a background with the HunterLab color 75.0703, -23.1977, 25.0127.



This preview shows how white text looks on a background with the HunterLab color 75.0703,

-23.1977, 25.0127.

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

75.0703, -23.1977, 25.0127

Protanopia

74.7949, -6.6316, 26.6095

Deuteranopia

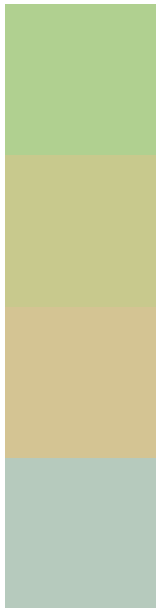
74.7375, 5.6973, 23.9265



Tritanopia

74.9615, -5.1234, -4.7483

Trichromacy



Original Color

75.0703, -23.1977, 25.0127

Protanomaly

74.8169, -12.7985, 25.9082

Deuteranomaly

74.5543, -5.5926, 23.8900

Tritanomaly

74.7397, -12.3420, 7.6461

Monochromacy



Original Color

75.0703, -23.1977, 25.0127

Achromatopsia

72.1800, -3.8513, 3.9217

Achromatomaly

73.0942, -11.0480, 12.3651

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.0703, -23.1977, 25.0127 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(176, 208, 144)` looks like.

```
.text, #text, p{  
    color:rgb(176, 208, 144)  
}
```

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(176, 208, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 208, 144) }
```

Border

The CSS property to change the border of an element to HunterLab 75.0703, -23.1977, 25.0127 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(176, 208, 144) }
```


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

```
.border{ border-color:rgb(176, 208, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 208, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 208, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 208, 144);  
box-shadow:4px 4px 4px 4px rgb(176, 208,  
144) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.0703, -23.1977, 25.0127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 208, 144) }
```

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

```
.background{ background-color: rgb(176,  
208, 144) }
```

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