

Converting Colors

HunterLab(70.8653, -23.9556,
4.8173)

Have a look what the booklet for
HunterLab(70.8653, -23.9556,
4.8173) contains.

HunterLab(70.8023, -23.7463, 4.7765)	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(70.8023,
-23.7463, 4.7765)**

Conversions

Conversions Part 1

Format	Color
Hex	89C8B9
RGB	137, 200, 185
RGB Percent	54%, 78%, 73%
CMY	0.4627, 0.2157, 0.2745
CMYK	0.32, 0.00, 0.08, 0.22
HSL	166°, 36%, 66%
HSV	166°, 32%, 78%
XYZ	39.7277, 50.1297, 53.4810
YIQ	179.4530, -32.7330, -18.0210

Conversions

Conversions Part 2

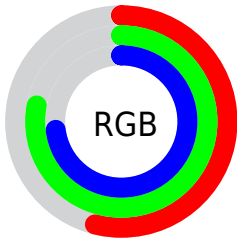
Format	Color
RYB	137, 173, 200
Decimal	9029817
CIELab	76.15, -23.35, 1.08
CIElCh	76, 23.376, 177.359
Yxy	50.1317, 0.2772, 0.3497
Android (android.graphics.Color)	4287219897 (0xFF89C8B9)
YUV	179.4530, 2.7347, -37.2313
Hunter-Lab	70.8023, -23.7463, 4.7765

Details

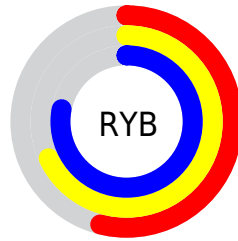
The HunterLab color $70.8023, -23.7463, 4.7765$ is a light color, and the websafe version is hex $99CCCC$. A complement of this color would be $56.9552, 20.7829, 4.5338$, and the grayscale version is $67.3297, -3.5925, 3.6582$.

A 20% lighter version of the original color is $94.3808, -26.3933, 5.4167$, and $49.1004, -20.1253, 3.5431$ is the 20% darker color. If you saturate the color by 10%, you get $69.5682, -28.7227, 5.4555$, and if you desaturate by 10%, it is $72.2399, -18.1219, 4.3252$.

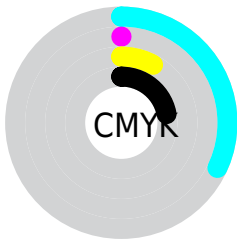
Distribution



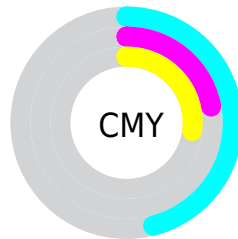
- Red (54%)
- Green (78%)
- Blue (73%)



- Red (54%)
- Yellow (68%)
- Blue (78%)



- Cyan (32%)
- Magenta (0%)
- Yellow (8%)
- Black (22%)



- Cyan (46%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.8023, -23.7463, 4.7765 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 70.8023, -23.7463, 4.7765 by changing the saturation by 10% instead.

■ 70.8023, -23.7463,
4.7765

■ 70.8023, -23.7463,
4.7765

196.7691,
-39.4198, 12.0133

■ 59.5970, -21.8971,
4.1152

■ 95.0631, -27.3396,
6.1945

■ 49.0532, -19.9947,
3.4857

■ 108.0571,
-29.0984, 6.9468

■ 39.2171, -18.0215,
2.8906

■ 121.5945,
-30.8403, 7.7268

■ 30.1436, -15.9499,
2.3319

135.6543,
-32.5695, 8.5337

■ 21.9033, -13.7360,
1.8118

150.2177,
-34.2895, 9.3665

■ 14.5910, -11.3033,
1.3328

165.2679,

■ 8.2513, -12.7726,

-36.0030, 10.2245

0.9903

180.7897,
-37.7125, 11.1070

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.8023, -23.7463,
4.7765

■ 70.8023, -23.7463,
4.7765

■ 69.5682, -28.7227,
5.4555

■ 72.2399, -18.1219,
4.3252

■ 68.5315, -33.0138,
6.3501

■ 73.8759, -11.8931,
4.1025

■ 67.6886, -36.6024,
7.4463

■ 75.7087, -5.1157,
4.1088

■ 67.0310, -39.4904,
8.7236


■ 77.7333, 2.1515,
4.3391


■ 66.5458, -41.7038,


■ 79.9436, 9.8480,


10.1558


4.7851


 66.2150, -43.2976,
11.7108

 82.0998, 17.1688,
5.1510

 66.0225, -44.2891,
13.0850

 82.2497, 17.9498,
3.0139

 82.4036, 18.7507,
0.8226

 82.5616, 19.5713,
-1.4227

Harmonies

Analogous

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



70.8037, -20.7708, 13.8956



70.8023, -23.7463, 4.7765



70.8037, -21.6512, -6.0591

Triad

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



70.8037, -23.7473, 4.7775



70.8037, 6.2313, -16.5086



70.8037, 8.0250, 18.8254

Complementary

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



70.8023, -23.7463, 4.7765



56.9552, 20.7829, 4.5338

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.



70.8037, 16.0570, 12.5132



70.8023, -23.7463, 4.7765



70.8037, 14.9776, -7.9148

Square

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



70.8037, -23.7473, 4.7775



70.8037, -4.7564, -19.4077



70.8037, 18.6750, 2.9180



70.8037, -2.8017, 21.1913

Rectangle

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



70.8023, -23.7463, 4.7765



70.8037, -17.5838, -12.6518



70.8037, 18.6750, 2.9180



70.8037, 11.1659, 17.1472

Sweetspot

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



70.8037, -23.7473, 4.7775



97.7533, -13.5967, 5.3729



70.6150, -26.8607, 23.1704



45.0664, -6.8835, 2.4921

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.8037, -23.7473, 4.7775



91.9898, -35.9501, 6.8843



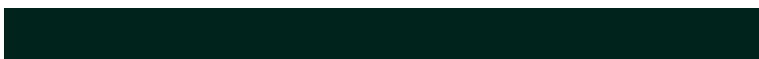
66.2384, -13.6872, -8.3374



34.6738, -4.9031, 1.9076



52.6586, -35.2309, 10.2348



11.5053, -7.3818, 1.5544

Inverse Universe

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



56.9552, 20.7829, 4.5338



70.0651, 34.9374, 6.7129



60.6528, 10.6548, 14.4246



32.6767, 1.4606, 1.8419



28.2015, 48.8121, 14.2218



6.2316, 10.9707, 1.7092

Previews

White Background



This preview shows how the HunterLab color 70.8023, -23.7463, 4.7765 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 70.8023, -23.7463, 4.7765 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

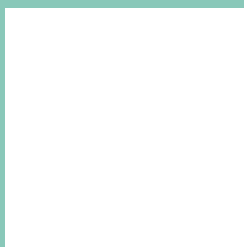
Any Text WCAG AAA ✓ Pass

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

HunterLab 70.8023, -23.7463, 4.7765 Background



This preview shows how black text looks on a background with the HunterLab color 70.8023, -23.7463, 4.7765.



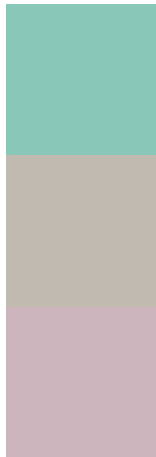
This preview shows how white text looks on a background with the HunterLab color 70.8023,

-23.7463, 4.7765.

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

70.8023, -23.7463, 4.7765

Protanopia

70.4483, -2.9631, 8.3513

Deuteranopia

70.3983, 5.1308, 2.9216



Tritanopia

70.7623, -15.4880, -8.8569

Trichromacy



Original Color

70.8023, -23.7463, 4.7765

Protanomaly

70.3144, -11.0914, 6.7233

Deuteranomaly

70.2144, -6.2314, 2.9820

Tritanomaly

70.6113, -18.3791, -3.7296

Monochromacy



Original Color

70.8023, -23.7463, 4.7765

Achromatopsia

67.1406, -3.5825, 3.6479

Achromatomaly

68.3881, -11.5671, 4.0377

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.8023, -23.7463, 4.7765 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(137, 200, 185)` looks like.

```
.text, #text, p{  
    color:rgb(137, 200, 185)  
}
```

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(137, 200, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 200, 185) }
```

Border

The CSS property to change the border of an element to HunterLab 70.8023, -23.7463, 4.7765 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(137, 200, 185) }
```


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

```
.border{ border-color:rgb(137, 200, 185) }
```

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

Here you see how a box with a 4 pixel rgb(137, 200, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 200, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 200, 185);  
box-shadow:4px 4px 4px 4px rgb(137, 200,  
185) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.8023, -23.7463, 4.7765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 200, 185) }
```

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

```
.background{ background-color: rgb(137,  
200, 185) }
```

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