

Converting Colors

CIELCh(73, 23.422, 128.639)

Have a look what the booklet for
CIELCh(73, 23.422, 128.639)
contains.

CIELCh(73, 23.560, 128.504)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(73, 23.560, 128.504)

Conversions

Conversions Part 1

Format	Color
Hex	A5BA91
RGB	165, 186, 145
RGB Percent	65%, 73%, 57%
CMY	0.3529, 0.2706, 0.4313
CMYK	0.11, 0.00, 0.22, 0.27
HSL	91°, 23%, 65%
HSV	91°, 22%, 73%
XYZ	38.1893, 45.1644, 33.4949
YIQ	175.0470, 0.6450, -17.2030

Conversions

Conversions Part 2

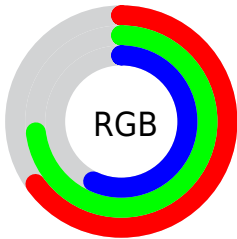
Format	Color
RYB	145, 186, 166
Decimal	10861201
CIELab	73.00, -14.67, 18.44
CIELCh	73, 23.560, 128.504
Yxy	45.1644, 0.3268, 0.3865
Android (android.graphics.Color)	4289051281 (0xFFA5BA91)
YUV	175.0470, -14.8132, -8.8112
Hunter-Lab	67.2044, -16.1742, 17.4928

Details

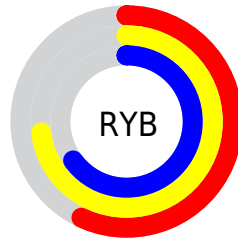
The CIELCh color **73, 23.560, 128.504** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **63, 24.257, 310.510**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 23.520, 128.674**, and **53, 23.807, 128.213** is the 20% darker color. If you saturate the color by 10%, you get **72, 34.163, 128.023**, and if you desaturate by 10%, it is **74, 12.868, 128.978**.

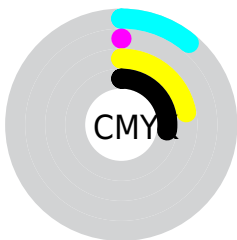
Distribution



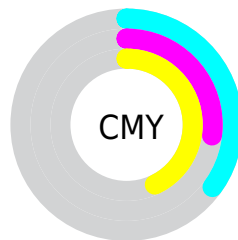
- Red (65%)
- Green (73%)
- Blue (57%)



- Red (57%)
- Yellow (73%)
- Blue (65%)



- Cyan (11%)
- Magenta (0%)
- Yellow (22%)
- Black (27%)





- Cyan (35%)
- Magenta (27%)
- Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 23.560, 128.504 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 CIELCh color 73, 23.560, 128.504 by changing the saturation by 10% instead.


 73, 23.560,
128.504


 73, 23.560,
128.504


 100, 23.560,
128.504


 63, 23.560,
128.504


 93, 23.560,
128.504

 53, 23.560,
128.504

 43, 23.560,
128.504

 33, 23.560,
128.504

 23, 23.560,
128.504

 13, 23.560,
128.504

 3, 23.560, 128.504

0, 23.560, 128.504

73, 23.560,
128.504

73, 23.560,
128.504

72, 34.163,
128.023

74, 12.868,
128.978

71, 44.542,
127.552

75, 2.171, 129.463

70, 54.513,
127.132

77, 8.464, 309.803

70, 63.809,
126.828

78, 18.991,
310.181

69, 72.062,
126.734

79, 29.380,
310.518

68, 78.825,
126.973

81, 38.804,
311.191

82, 39.829,

■ 68, 83.692,
127.661

315.700

■ 68, 86.413,
128.451

■ 82, 41.076,
320.035

■ 83, 42.531,
324.161

Harmonies

Complementary

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



73, 23.560, 128.504



63, 24.257, 310.510

Rectangle

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



73, 23.560, 128.504



73, 23.560, 178.504



73, 23.560, 308.504



73, 23.560, 358.504

Sweetspot

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



73, 23.562, 128.506



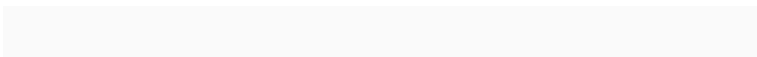
95, 9.257, 129.205



69, 13.979, 72.707



51, 6.065, 129.177



98, 0.011, 296.813



51, 0.007, 296.813

Same Dimension

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



73, 23.562, 128.506



92, 34.419, 128.295



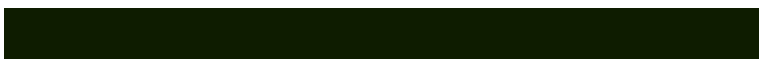
72, 27.272, 143.021



38, 5.985, 129.103



57, 75.547, 128.227



8, 16.935, 133.548

Inverse Universe

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



63, 24.257, 310.510



78, 35.652, 310.734



65, 27.287, 325.627



36, 6.064, 309.893



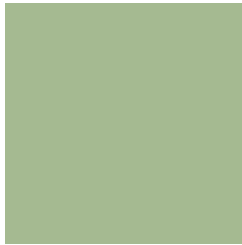
24, 85.915, 312.330



2, 15.985, 305.317

Previews

White Background



This preview shows how the CIELCh color 73, 23.560, 128.504 looks on a white background.

Color Contrast Check

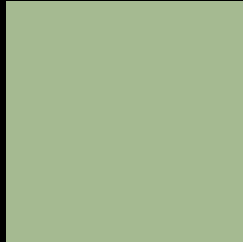
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIELCh color 73, 23.560, 128.504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

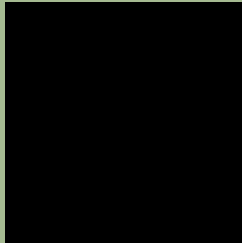
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 23.560, 128.504

Background



This preview shows how black text looks on a background with the CIELCh color 73, 23.560, 128.504.



This preview shows how white text looks on a background with the CIELCh color 73, 23.560, 128.504.

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

73, 23.560, 128.504

Protanopia

73, 20.439, 95.608

Deuteranopia

73, 19.422, 61.780



Tritanopia
73, 8.473, 273.824

Trichromacy



Original Color
73, 23.560, 128.504

Protanomaly
73, 20.964, 109.223

Deuteranomaly
73, 17.321, 88.155

Tritanomaly
73, 5.855, 165.241

Monochromacy



Original Color
73, 23.560, 128.504

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 8.713, 129.882

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 23.560, 128.504 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(165, 186, 145)` looks like.

```
.text, #text, p{  
    color:rgb(165, 186, 145)  
}
```

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(165, 186, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 186, 145) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 23.560, 128.504 is called "border". The border property can be set on classes, ids or directly on the HTML element.

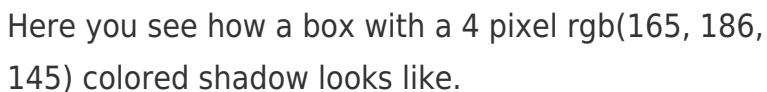
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(165, 186, 145) }
```

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

```
.border{ border-color:rgb(165, 186, 145) }
```

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



Here you see how a box with a 4 pixel `rgb(165, 186, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(165, 186, 145); -webkit-box-shadow:4px 4px 4px 4px rgb(165, 186, 145); box-shadow:4px 4px 4px 4px rgb(165, 186, 145) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 23.560, 128.504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 186, 145) }
```

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

```
.background{ background-color: rgb(165,  
186, 145) }
```

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