

Converting Colors

CIELCh(75, 23.635, 121.511)

Have a look what the booklet for
CIELCh(75, 23.635, 121.511)
contains.

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Color

CIELCh(75, 23.635, 121.511)

Conversions

Conversions Part 1

Format	Color
Hex	B0BE93
RGB	176, 190, 147
RGB Percent	69%, 75%, 58%
CMY	0.3090, 0.2541, 0.4228
CMYK	0.07, 0.00, 0.23, 0.25
HSL	80°, 25%, 66%
HSV	80°, 23%, 75%
XYZ	41.6866, 48.2781, 34.8034
YIQ	180.9120, 5.4590, -16.3410

Conversions

Conversions Part 2

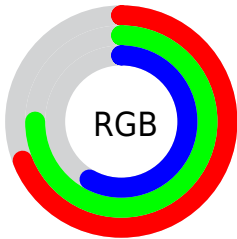
Format	Color
RYB	147, 190, 161
Decimal	11583123
CIELab	75.00, -12.35, 20.15
CIELCh	75, 23.635, 121.511
Yxy	48.2781, 0.3341, 0.3869
Android (android.graphics.Color)	4289773203 (0xFFB0BE93)
YUV	180.9120, -16.7186, -4.3078
Hunter-Lab	69.4824, -14.5018, 18.9397

Details

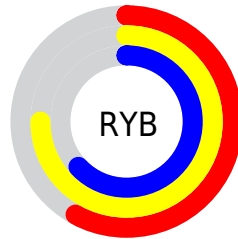
The CIELCh color **75, 23.635, 121.511** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **64, 24.657, 304.148**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 23.530, 121.176**, and **55, 23.940, 121.771** is the 20% darker color. If you saturate the color by 10%, you get **74, 33.928, 120.953**, and if you desaturate by 10%, it is **76, 13.209, 122.078**.

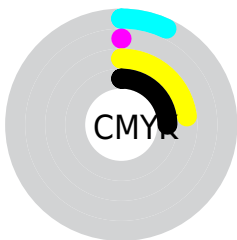
Distribution



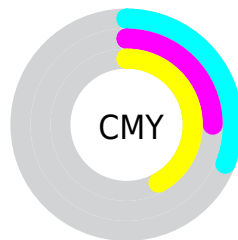
- Red (69%)
- Green (75%)
- Blue (58%)



- Red (58%)
- Yellow (75%)
- Blue (63%)



- Cyan (7%)
- Magenta (0%)
- Yellow (23%)
- Black (25%)





- Cyan (31%)
- Magenta (25%)
- Yellow (42%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 23.635, 121.511 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 75, 23.635, 121.511 by changing the saturation by 10% instead.


 75, 23.635,
121.511


 75, 23.635,
121.511


 100, 23.635,
121.511


 65, 23.635,
121.511


 95, 23.635,
121.511

 55, 23.635,
121.511

 45, 23.635,
121.511

 35, 23.635,
121.511

 25, 23.635,
121.511

 15, 23.635,
121.511

 5, 23.635, 121.511

0, 23.635, 121.511

75, 23.635,
121.511

75, 23.635,
121.511

74, 33.928,
120.953

76, 13.209,
122.078

73, 43.957,
120.421

77, 2.730, 122.642

73, 53.536,
119.960

78, 7.741, 303.137

79, 18.160,
303.633

72, 62.392,
119.632

80, 28.497,
304.092

72, 70.143,
119.526

81, 35.480,
305.466

71, 76.330,
119.752

81, 35.953,

■ 71, 80.560,
120.414

308.715

■ 71, 82.661,
121.125

■ 82, 36.534,
311.912

■ 83, 37.219,
315.038

Harmonies

Complementary

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



75, 23.635, 121.511



64, 24.657, 304.148

Rectangle

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



75, 23.635, 121.511



75, 23.635, 171.511



75, 23.635, 301.511



75, 23.635, 351.511

Sweetspot

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



75, 23.637, 121.514



97, 9.072, 122.385



68, 14.081, 52.047



52, 5.943, 122.351



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



75, 23.637, 121.514



94, 34.869, 121.241



74, 26.858, 138.160



40, 5.897, 122.261



60, 71.990, 120.915



10, 18.117, 126.297

Inverse Universe

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



64, 24.657, 304.148



77, 36.737, 304.495



65, 27.115, 320.311



37, 6.003, 303.282



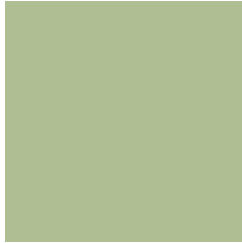
21, 90.308, 308.789



1, 17.702, 299.631

Previews

White Background



This preview shows how the CIELCh color 75, 23.635, 121.511 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 CIE LCh color 75, 23.635, 121.511 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

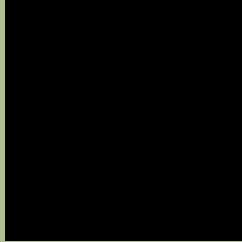
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

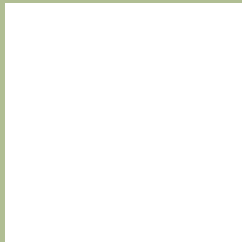
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 23.635, 121.511

Background



This preview shows how black text looks on a background with the CIELCh color 75, 23.635, 121.511.

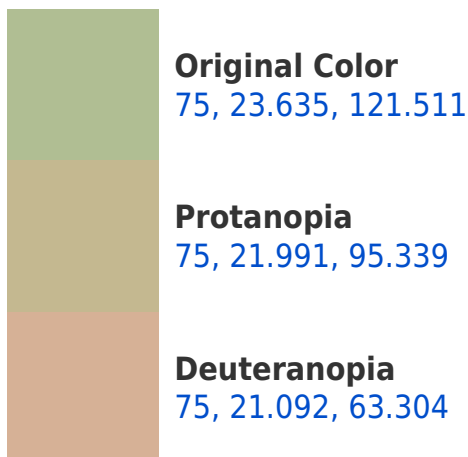


This preview shows how white text looks on a background with the CIELCh color 75, 23.635, 121.511.

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
75, 8.111, 290.949

Trichromacy



Original Color
75, 23.635, 121.511

Protanomaly
75, 21.964, 104.923

Deuteranomaly
75, 19.194, 86.250

Tritanomaly
75, 3.744, 139.708

Monochromacy



Original Color
75, 23.635, 121.511

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 8.320, 122.621

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 23.635, 121.511 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, 190, 147)` looks like.

```
.text, #text, p{  
    color:rgb(176, 190, 147)  
}
```

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, 190, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 190, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 23.635, 121.511 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, 190, 147) }
```

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

```
.border{ border-color:rgb(176, 190, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 190, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 190, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 190, 147); box-shadow:4px 4px 4px 4px rgb(176, 190, 147) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 23.635, 121.511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 190, 147) }
```

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

```
.background{ background-color: rgb(176,  
190, 147) }
```

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](#).

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