

Converting Colors

CIELCh(77, 22.842, 124.287)

Have a look what the booklet for
CIELCh(77, 22.842, 124.287)
contains.

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Color

CIELCh(77, 22.696, 124.092)

Conversions

Conversions Part 1

Format	Color
Hex	B4C49B
RGB	180, 196, 155
RGB Percent	71%, 77%, 61%
CMY	0.2942, 0.2315, 0.3923
CMYK	0.08, 0.00, 0.21, 0.23
HSL	83°, 26%, 69%
HSV	83°, 21%, 77%
XYZ	44.4626, 51.5317, 38.6006
YIQ	186.5420, 3.6250, -16.1430

Conversions

Conversions Part 2

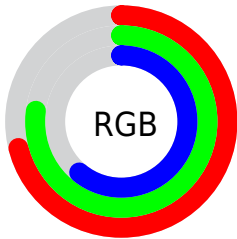
Format	Color
RYB	155, 196, 171
Decimal	11846811
CIELab	77.00, -12.72, 18.80
CIElCh	77, 22.696, 124.092
Yxy	51.5317, 0.3303, 0.3829
Android (android.graphics.Color)	4290036891 (0xFFB4C49B)
YUV	186.5420, -15.5502, -5.7373
Hunter-Lab	71.7856, -15.0654, 18.3685

Details

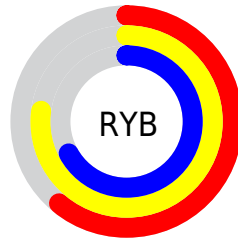
The CIELCh color **77, 22.696, 124.092** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **67, 23.513, 306.286**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 22.723, 124.475**, and **57, 22.312, 123.992** is the 20% darker color. If you saturate the color by 10%, you get **76, 33.428, 123.572**, and if you desaturate by 10%, it is **78, 11.858, 124.614**.

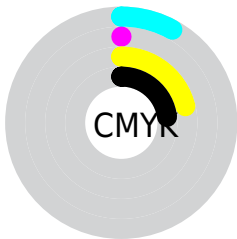
Distribution



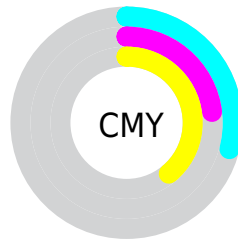
- Red (71%)
- Green (77%)
- Blue (61%)



- Red (61%)
- Yellow (77%)
- Blue (67%)



- Cyan (8%)
- Magenta (0%)
- Yellow (21%)
- Black (23%)




- Cyan (29%)
- Magenta (23%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 77, 22.696, 124.092 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 77, 22.696, 124.092 by changing the saturation by 10% instead.

 77, 22.696,
124.092

 77, 22.696,
124.092


 100, 22.696,
124.092


 67, 22.696,
124.092

 97, 22.696,
124.092

 57, 22.696,
124.092

 47, 22.696,
124.092

 37, 22.696,
124.092

 27, 22.696,
124.092

 17, 22.696,
124.092

 7, 22.696, 124.092

■ 0, 22.696, 124.092

■ 77, 22.696,
124.092

■ 77, 22.696,
124.092

■ 76, 33.428,
123.572

■ 78, 11.858,
124.614

■ 75, 43.923,
123.071

■ 79, 0.992, 125.184

■ 75, 54.003,
122.629

■ 80, 9.840, 305.564

■ 81, 20.594,
306.004

■ 74, 63.402,
122.310

■ 83, 31.241,
306.406

■ 73, 71.746,
122.200

■ 83, 32.940,
310.393

■ 73, 78.573,
122.416

■ 84, 33.777,

■ 72, 83.451,
123.073

314.674

■ 72, 86.344,
124.012

■ 85, 34.788,
318.786

■ 85, 35.961,
322.701

Harmonies

Complementary

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



77, 22.696, 124.092



67, 23.513, 306.286

Rectangle

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



77, 22.696, 124.092



77, 22.696, 174.092



77, 22.696, 304.092



77, 22.696, 354.092

Sweetspot

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



77, 22.698, 124.095



99, 8.059, 124.862



72, 13.256, 59.850



53, 5.347, 124.828



0, 0.000, 0.000



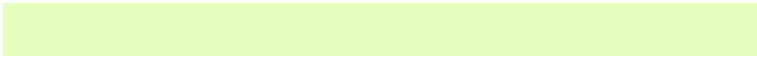
53, 0.007, 296.813

Same Dimension

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



77, 22.698, 124.095



97, 33.544, 123.860



76, 26.000, 140.102



41, 6.098, 124.694



60, 74.375, 123.775



11, 20.314, 128.111

Inverse Universe

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



67, 23.513, 306.286



81, 35.032, 306.565



68, 26.145, 322.228



38, 6.199, 305.618



22, 90.269, 309.808



2, 19.905, 301.743

Previews

White Background



This preview shows how the CIELCh color 77, 22.696, 124.092 looks on a white background.

Color Contrast Check

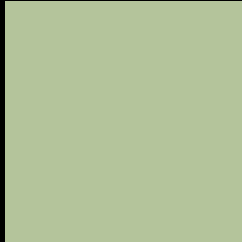
Large Text (above 18pt) WCAG AA × Fail

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 77, 22.696, 124.092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

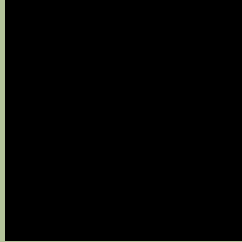
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

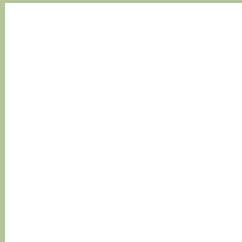
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 22.696, 124.092

Background



This preview shows how black text looks on a background with the CIELCh color 77, 22.696, 124.092.



This preview shows how white text looks on a background with the CIELCh color 77, 22.696, 124.092.

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](#).

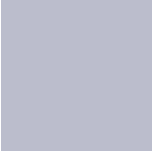
Dichromacy



Original Color
77, 22.696, 124.092

Protanopia
77, 20.430, 93.545

Deuteranopia
77, 19.845, 62.175



Tritanopia
77, 8.082, 285.871

Trichromacy



Original Color
77, 22.696, 124.092

Protanomaly
77, 20.769, 106.039

Deuteranomaly
77, 17.920, 86.417

Tritanomaly
77, 4.391, 152.141

Monochromacy



Original Color
77, 22.696, 124.092

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 8.370, 125.129

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 22.696, 124.092 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(180, 196, 155)` looks like.

```
.text, #text, p{  
    color:rgb(180, 196, 155)  
}
```

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(180, 196, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 196, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 22.696, 124.092 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(180, 196, 155) }
```

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

```
.border{ border-color:rgb(180, 196, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 196, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 196, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 196, 155);  
box-shadow:4px 4px 4px 4px rgb(180, 196,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 22.696, 124.092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 196, 155) }
```

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

```
.background{ background-color: rgb(180,  
196, 155) }
```

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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