

Converting Colors

CIELCh(78, 24.200, 124.409)

Have a look what the booklet for
CIELCh(78, 24.200, 124.409)
contains.

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Color

CIELCh(78, 24.261, 123.881)

Conversions

Conversions Part 1

Format	Color
Hex	B6C79B
RGB	182, 199, 155
RGB Percent	71%, 78%, 61%
CMY	0.2859, 0.2192, 0.3918
CMYK	0.09, 0.00, 0.22, 0.22
HSL	83°, 28%, 69%
HSV	83°, 22%, 78%
XYZ	45.6788, 53.2120, 38.9108
YIQ	188.9010, 3.9920, -17.2880

Conversions

Conversions Part 2

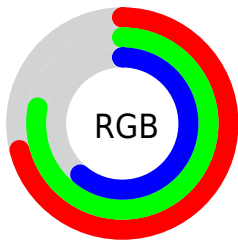
Format	Color
RYB	155, 199, 172
Decimal	11978651
CIELab	78.00, -13.52, 20.14
CIElCh	78, 24.261, 123.881
Yxy	53.2120, 0.3315, 0.3861
Android (android.graphics.Color)	4290168731 (0xFFB6C79B)
YUV	188.9010, -16.7132, -6.0522
Hunter-Lab	72.9466, -15.8805, 19.4364

Details

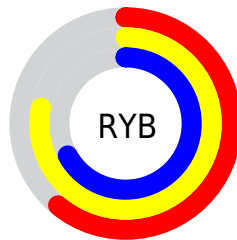
The CIELCh color **78, 24.261, 123.881** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **67, 25.195, 306.226**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **98, 23.659, 123.778**, and **58, 23.945, 123.741** is the 20% darker color. If you saturate the color by 10%, you get **77, 35.100, 123.360**, and if you desaturate by 10%, it is **79, 13.300, 124.407**.

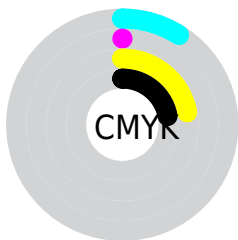
Distribution



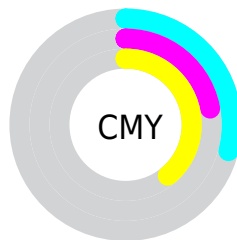
- Red (71%)
- Green (78%)
- Blue (61%)



- Red (61%)
- Yellow (78%)
- Blue (67%)



- Cyan (9%)
- Magenta (0%)
- Yellow (22%)
- Black (22%)




- Cyan (29%)
- Magenta (22%)
- Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 78, 24.261, 123.881 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 78, 24.261, 123.881 by changing the saturation by 10% instead.


 78, 24.261,
123.881


 78, 24.261,
123.881


 100, 24.261,
123.881


 68, 24.261,
123.881


 98, 24.261,
123.881

 58, 24.261,
123.881

 48, 24.261,
123.881

 38, 24.261,
123.881

 28, 24.261,
123.881

 18, 24.261,
123.881

 8, 24.261, 123.881

■ 0, 24.261, 123.881

■ 78, 24.261,
123.881

■ 78, 24.261,
123.881

■ 77, 35.100,
123.360

■ 79, 13.300,
124.407

■ 76, 45.680,
122.860

■ 80, 2.302, 124.938

■ 76, 55.811,
122.428

■ 81, 8.669, 305.369

■ 75, 65.209,
122.128

■ 82, 19.567,
305.817

■ 74, 73.483,
122.051

■ 84, 30.360,
306.227

■ 74, 80.157,
122.315

■ 84, 31.236,
310.835

■ 85, 32.117,

■ 73, 84.814,
123.032

315.364

■ 73, 87.266,
123.866

■ 86, 33.182,
319.688

■ 86, 34.419,
323.778

Harmonies

Complementary

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



78, 24.261, 123.881



67, 25.195, 306.226

Rectangle

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



78, 24.261, 123.881



78, 24.261, 173.881



78, 24.261, 303.881



78, 24.261, 353.881

Sweetspot

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



78, 24.263, 123.883



99, 9.398, 124.665



72, 14.242, 59.741



53, 6.107, 124.634



0, 0.000, 0.000



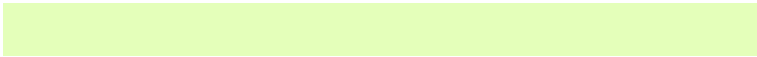
53, 0.007, 296.813

Same Dimension

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



78, 24.263, 123.883



97, 36.171, 123.605



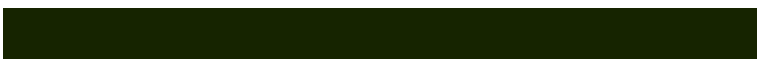
77, 27.827, 140.025



42, 6.225, 124.548



61, 75.158, 123.633



12, 21.960, 126.806

Inverse Universe

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



67, 25.195, 306.226



80, 37.932, 306.563



69, 27.989, 322.286



39, 6.329, 305.480



23, 91.407, 309.727



2, 21.995, 302.096

Previews

White Background



This preview shows how the CIELCh color 78, 24.261, 123.881 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 78, 24.261, 123.881 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

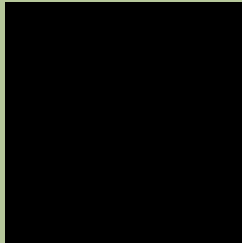
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

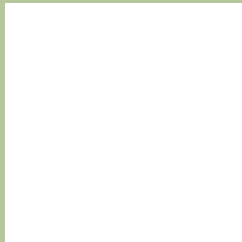
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 78, 24.261, 123.881

Background



This preview shows how black text looks on a background with the CIELCh color 78, 24.261, 123.881.



This preview shows how white text looks on a background with the CIELCh color 78, 24.261, 123.881.

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
78, 24.261, 123.881

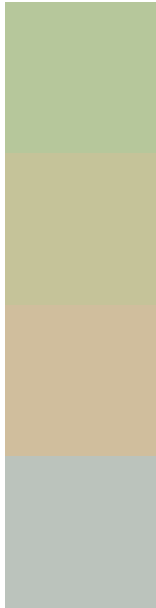
Protanopia
78, 21.914, 94.430

Deuteranopia
78, 21.184, 62.658



Tritanopia
78, 8.059, 285.858

Trichromacy



Original Color
78, 24.261, 123.881

Protanomaly
78, 22.289, 106.066

Deuteranomaly
78, 19.033, 86.372

Tritanomaly
78, 4.790, 147.860

Monochromacy



Original Color
78, 24.261, 123.881

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 8.970, 126.482

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 78, 24.261, 123.881 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(182, 199, 155)` looks like.

```
.text, #text, p{  
    color:rgb(182, 199, 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(182, 199, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 199, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 78, 24.261, 123.881 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(182, 199, 155) }
```

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

```
.border{ border-color:rgb(182, 199, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 199, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 199, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 199, 155);  
box-shadow:4px 4px 4px 4px rgb(182, 199,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 78, 24.261, 123.881 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 199, 155) }
```

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

```
.background{ background-color: rgb(182,  
199, 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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