

Converting Colors

CIELCh(81, 25.161, 112.980)

Have a look what the booklet for
CIELCh(81, 25.161, 112.980)
contains.

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Color

CIELCh(81, 24.777, 112.513)

Conversions

Conversions Part 1

Format	Color
Hex	C8CD9E
RGB	200, 205, 158
RGB Percent	78%, 80%, 62%
CMY	0.2153, 0.1957, 0.3800
CMYK	0.02, 0.00, 0.23, 0.20
HSL	66°, 32%, 71%
HSV	66°, 23%, 80%
XYZ	51.8772, 58.4711, 40.9396
YIQ	198.1470, 12.1070, -15.6770

Conversions

Conversions Part 2

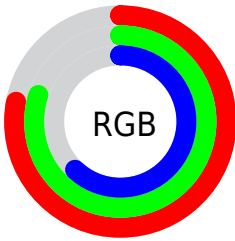
Format	Color
R _{YB}	158, 205, 163
Decimal	13159838
CIE _{Lab}	81.00, -9.49, 22.89
CIE _{LCh}	81, 24.777, 112.513
Yxy	58.4711, 0.3429, 0.3865
Android (android.graphics.Color)	4291349918 (0xFFC8CD9E)
YUV	198.1470, -19.7925, 1.6251
Hunter-Lab	76.4664, -12.7163, 21.7830

Details

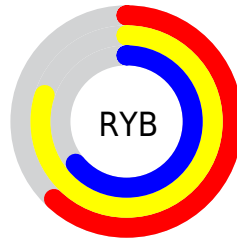
The CIELCh color $81, 24.777, 112.513$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $67, 26.115, 296.524$, and the grayscale version is $80, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 21.222, 108.570$, and $61, 25.022, 112.217$ is the 20% darker color. If you saturate the color by 10%, you get $80, 35.360, 111.714$, and if you desaturate by 10%, it is $82, 14.017, 113.327$.

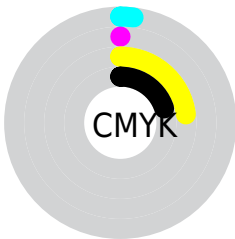
Distribution



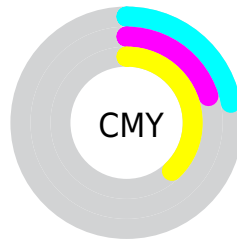
- Red (78%)
- Green (80%)
- Blue (62%)



- Red (62%)
- Yellow (80%)
- Blue (64%)



- Cyan (2%)
- Magenta (0%)
- Yellow (23%)
- Black (20%)





- Cyan (22%)
- Magenta (20%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 81, 24.777, 112.513 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 81, 24.777, 112.513 by changing the saturation by 10% instead.


 81, 24.777,
112.513


 81, 24.777,
112.513


 100, 24.777,
112.513


 71, 24.777,
112.513

 61, 24.777,
112.513

 51, 24.777,
112.513

 41, 24.777,
112.513

 31, 24.777,
112.513

 21, 24.777,
112.513

 11, 24.777,

112.513

■ 1, 24.777, 112.513

■ 0, 24.777, 112.513

■ 81, 24.777,
112.513

■ 81, 24.777,
112.513

■ 80, 35.360,
111.714

■ 82, 14.017,
113.327

■ 80, 45.625,
110.943

■ 82, 3.166, 114.122

■ 80, 55.364,
110.236

■ 83, 7.715, 294.913

■ 79, 64.265,
109.642

■ 84, 18.585,
295.663

■ 79, 71.897,

■ 84, 26.458,
296.614

109.218

85, 26.527,
298.172

79, 77.750,
109.036

85, 26.615,
299.729

78, 81.411,
109.155

85, 26.721,
301.283

78, 82.910,
109.390

85, 26.846,
302.830

Harmonies

Complementary

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



81, 24.777, 112.513



67, 26.115, 296.524

Rectangle

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



81, 24.777, 112.513



81, 24.777, 162.513



81, 24.777, 292.513



81, 24.777, 342.513

Sweetspot

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



81, 24.779, 112.517



99, 9.070, 113.795



71, 17.076, 29.394



53, 5.893, 113.746



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



81, 24.779, 112.517



98, 36.011, 112.078



79, 27.141, 131.468



43, 6.131, 113.611



65, 70.753, 109.295



14, 22.051, 111.586

Inverse Universe

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



67, 26.115, 296.524



78, 38.495, 297.157



69, 27.804, 313.475



39, 6.265, 295.158



20, 96.315, 306.681



2, 23.610, 295.194

Previews

White Background



This preview shows how the CIELCh color 81, 24.777, 112.513 looks on a white background.

Color Contrast Check

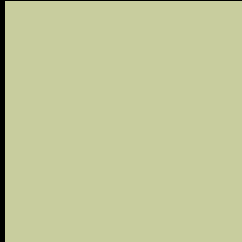
Large Text (above 18pt) WCAG AA × Fail

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 81, 24.777, 112.513 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

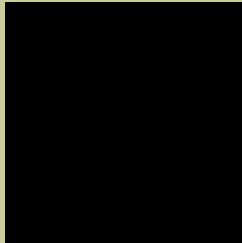
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

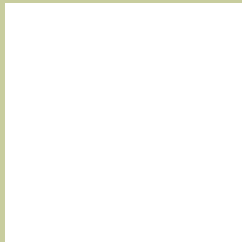
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 81, 24.777, 112.513

Background



This preview shows how black text looks on a background with the CIELCh color 81, 24.777, 112.513.



This preview shows how white text looks on a background with the CIELCh color 81, 24.777, 112.513.

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
81, 24.777, 112.513

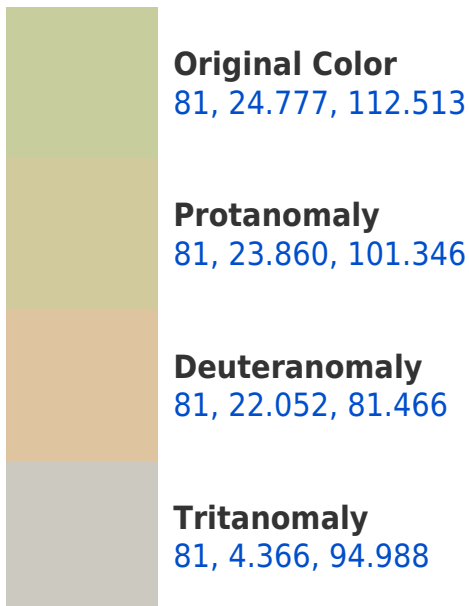
Protanopia
81, 24.288, 95.690

Deuteranopia
81, 23.850, 64.953



Tritanopia
81, 8.649, 312.758

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 81, 24.777, 112.513 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(200, 205, 158)` looks like.

```
.text, #text, p{  
    color:rgb(200, 205, 158)  
}
```

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(200, 205, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 205, 158) }
```

Border

The CSS property to change the border of an element to CIELCh 81, 24.777, 112.513 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(200, 205, 158) }
```

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

```
.border{ border-color:rgb(200, 205, 158) }
```

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

Here you see how a box with a 4 pixel rgb(200, 205, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 205, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 205, 158);  
box-shadow:4px 4px 4px 4px rgb(200, 205,  
158) }
```

Background

The CSS property to change the background color of an element to CIELCh 81, 24.777, 112.513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 205, 158) }
```

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

```
.background{ background-color: rgb(200,  
205, 158) }
```

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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