

Converting Colors

CIELCh(88, 25.027, 123.960)

Have a look what the booklet for
CIELCh(88, 25.027, 123.960)
contains.

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Color

CIELCh(88, 24.779, 124.157)

Conversions

Conversions Part 1

Format	Color
Hex	D1E3B5
RGB	209, 227, 181
RGB Percent	82%, 89%, 71%
CMY	0.1791, 0.1085, 0.2890
CMYK	0.08, 0.00, 0.20, 0.11
HSL	83°, 45%, 80%
HSV	83°, 20%, 89%
XYZ	62.3143, 72.0653, 54.5090
YIQ	216.3740, 4.0380, -18.1220

Conversions

Conversions Part 2

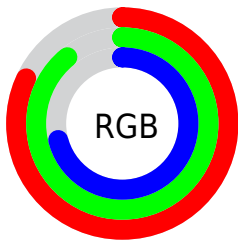
Format	Color
RYB	181, 227, 199
Decimal	13755317
CIELab	88.00, -13.91, 20.50
CIElCh	88, 24.779, 124.157
Yxy	72.0653, 0.3299, 0.3815
Android (android.graphics.Color)	4291945397 (0xFFD1E3B5)
YUV	216.3740, -17.4394, -6.4670
Hunter-Lab	84.8913, -17.5320, 21.3536

Details

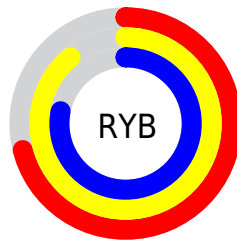
The CIELCh color **88, 24.779, 124.157** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **77, 25.647, 306.292**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 9.112, 109.487**, and **68, 25.025, 124.574** is the 20% darker color. If you saturate the color by 10%, you get **87, 36.897, 123.633**, and if you desaturate by 10%, it is **89, 12.545, 124.683**.

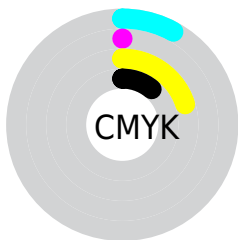
Distribution



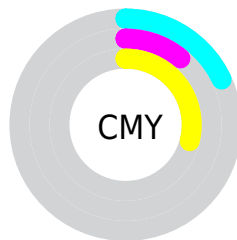
- Red (82%)
- Green (89%)
- Blue (71%)



- Red (71%)
- Yellow (89%)
- Blue (78%)



- Cyan (8%)
- Magenta (0%)
- Yellow (20%)
- Black (11%)





- Cyan (18%)
- Magenta (11%)
- Yellow (29%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 88, 24.779, 124.157 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 88, 24.779, 124.157 by changing the saturation by 10% instead.


 88, 24.779,
124.157


 88, 24.779,
124.157


 100, 24.779,
124.157


 78, 24.779,
124.157

 68, 24.779,
124.157

 58, 24.779,
124.157

 48, 24.779,
124.157

 38, 24.779,
124.157

 28, 24.779,
124.157

 18, 24.779,

124.157

■ 8, 24.779, 124.157

■ 0, 24.779, 124.157

■ 88, 24.779,
124.157

■ 88, 24.779,
124.157

■ 87, 36.897,
123.633

■ 89, 12.545,
124.683

■ 86, 48.753,
123.126

■ 90, 0.285, 125.487

■ 85, 60.143,
122.679

■ 92, 11.931,
305.637

■ 84, 70.765,
122.354

■ 92, 15.625,
314.092

■ 84, 80.193,

■ 93, 17.071,
323.833

122.242

93, 17.300,
325.024

83, 87.894,
122.461

83, 93.375,
123.130

82, 96.661,
124.206

Harmonies

Complementary

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



88, 24.779, 124.157



77, 25.647, 306.292

Rectangle

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



88, 24.779, 124.157



88, 24.779, 174.157



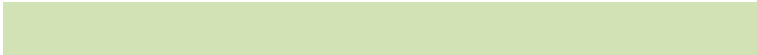
88, 24.779, 304.157



88, 24.779, 354.157

Sweetspot

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



88, 24.781, 124.160



99, 8.061, 124.901



82, 14.445, 59.895



53, 5.348, 124.866



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



88, 24.781, 124.160



97, 32.220, 123.953



86, 28.375, 140.134



48, 7.010, 124.723



66, 80.506, 123.949



19, 31.258, 123.419

Inverse Universe

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



77, 25.647, 306.292



82, 33.584, 306.536



79, 28.530, 322.205



44, 7.128, 305.665



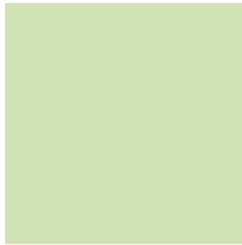
25, 97.652, 309.740



3, 34.967, 307.222

Previews

White Background



This preview shows how the CIELCh color 88, 24.779, 124.157 looks on a white background.

Color Contrast Check

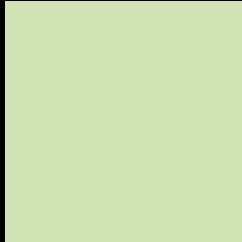
Large Text (above 18pt) WCAG AA × Fail

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 88, 24.779, 124.157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

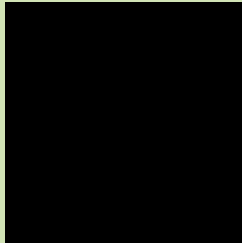
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

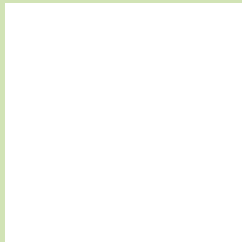
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 24.779, 124.157

Background



This preview shows how black text looks on a background with the CIELCh color 88, 24.779, 124.157.



This preview shows how white text looks on a background with the CIELCh color 88, 24.779, 124.157.

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
88, 24.779, 124.157

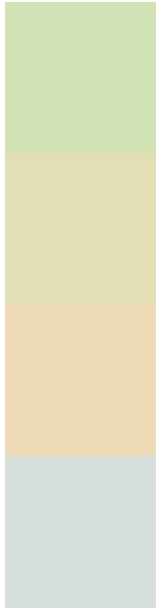
Protanopia
88, 22.465, 94.320

Deuteranopia
88, 22.106, 61.083



Tritanopia
88, 8.925, 284.234

Trichromacy



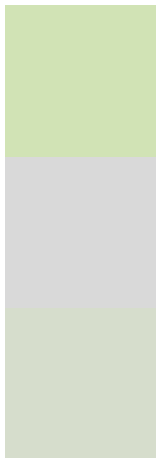
Original Color
88, 24.779, 124.157

Protanomaly
88, 22.785, 106.328

Deuteranomaly
88, 19.800, 85.623

Tritanomaly
88, 4.519, 155.466

Monochromacy



Original Color
88, 24.779, 124.157

Achromatopsia
87, 0.010, 296.813

Achromatomaly
87, 9.242, 125.568

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 88, 24.779, 124.157 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(209, 227, 181)` looks like.

```
.text, #text, p{  
    color:rgb(209, 227, 181)  
}
```

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(209, 227, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 227, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 24.779, 124.157 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(209, 227, 181) }
```

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

```
.border{ border-color:rgb(209, 227, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 227, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 227, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 227, 181); box-shadow:4px 4px 4px 4px rgb(209, 227, 181) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 24.779, 124.157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 227, 181) }
```

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

```
.background{ background-color: rgb(209,  
227, 181) }
```

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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