

Converting Colors

CIELCh(88, 24.291, 123.255)

Have a look what the booklet for
CIELCh(88, 24.291, 123.255)
contains.

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Color

CIELCh(88, 24.177, 123.667)

Conversions

Conversions Part 1

Format	Color
Hex	D2E3B6
RGB	210, 227, 182
RGB Percent	82%, 89%, 71%
CMY	0.1762, 0.1095, 0.2860
CMYK	0.07, 0.00, 0.20, 0.11
HSL	83°, 45%, 80%
HSV	83°, 20%, 89%
XYZ	62.5339, 72.0653, 54.9041
YIQ	216.7870, 4.3130, -17.5990

Conversions

Conversions Part 2

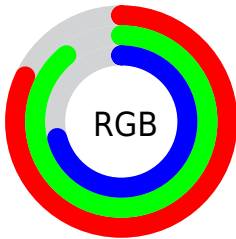
Format	Color
R _Y B	182, 227, 199
Decimal	13820854
CIE Lab	88.00, -13.40, 20.12
CIE LCh	88, 24.177, 123.667
Yxy	72.0653, 0.3300, 0.3803
Android (android.graphics.Color)	4292010934 (0xFFD2E3B6)
YUV	216.7870, -17.1500, -5.9522
Hunter-Lab	84.8913, -17.0703, 21.0776

Details

The CIELCh color **88, 24.177, 123.667** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **77, 25.025, 305.796**, and the grayscale version is **87, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 8.605, 109.524**, and **68, 24.389, 124.084** is the 20% darker color. If you saturate the color by 10%, you get **87, 36.253, 123.135**, and if you desaturate by 10%, it is **89, 11.987, 124.201**.

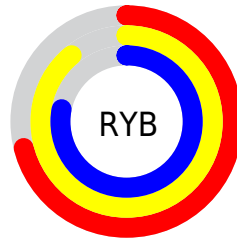
Distribution



Red (82%)

Green (89%)

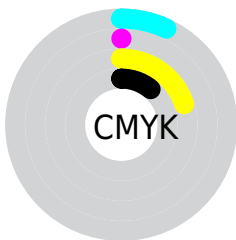
Blue (71%)



Red (71%)

Yellow (89%)

Blue (78%)

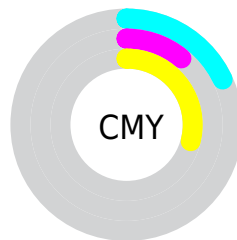


Cyan (7%)

Magenta (0%)

Yellow (20%)

Black (11%)



Cyan (18%)

Magenta (11%)

Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 88, 24.177, 123.667 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, 24.177, 123.667 by changing the saturation by 10% instead.

 88, 24.177,
123.667

 88, 24.177,
123.667

 100, 24.177,
123.667

 78, 24.177,
123.667

 68, 24.177,
123.667

 58, 24.177,
123.667

 48, 24.177,
123.667

 38, 24.177,
123.667

 28, 24.177,
123.667

 18, 24.177,


123.667


 8, 24.177, 123.667

 0, 24.177, 123.667

 88, 24.177,
123.667


 88, 24.177,
123.667


 87, 36.253,
123.135

 89, 11.987,
124.201


 86, 48.072,
122.620

 90, 0.230, 304.336


 85, 59.434,
122.163

 92, 12.405,
305.172

 84, 70.041,
121.826

 92, 15.715,
313.595

 84, 79.474,

 93, 17.077,
323.007

121.697

93, 17.461,
325.030

83, 87.203,
121.893

83, 92.729,
122.532

82, 96.088,
123.614

82, 96.142,
123.634

Harmonies

Complementary

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



88, 24.177, 123.667



77, 25.025, 305.796

Rectangle

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



88, 24.177, 123.667



88, 24.177, 173.667



88, 24.177, 303.667



88, 24.177, 353.667

Sweetspot

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



88, 24.179, 123.670



99, 8.041, 124.400



82, 14.088, 58.004



53, 5.334, 124.365



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, 24.179, 123.670



97, 32.130, 123.437



87, 27.608, 139.707



48, 6.992, 124.220



66, 80.149, 123.381



19, 31.137, 122.854

Inverse Universe

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



77, 25.025, 305.796



82, 33.522, 306.073



79, 27.779, 321.692



44, 7.112, 305.181



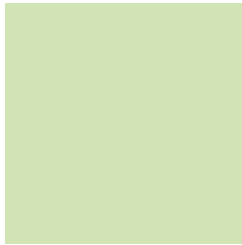
25, 97.914, 309.509



3, 34.888, 306.760

Previews

White Background



This preview shows how the CIELCh color 88, 24.177, 123.667 looks on a white background.

Color Contrast Check

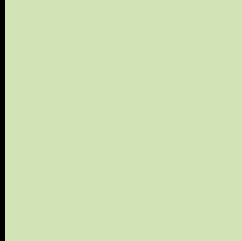
Large Text (above 18pt) WCAG AA × Fail

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, 24.177, 123.667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

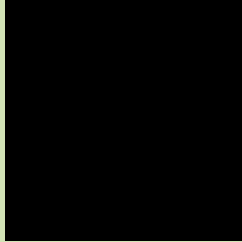
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

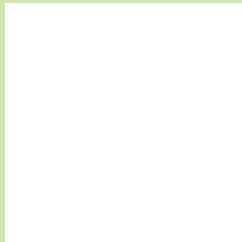
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 88, 24.177, 123.667

Background



This preview shows how black text looks on a background with the CIELCh color 88, 24.177, 123.667.



This preview shows how white text looks on a background with the CIELCh color 88, 24.177, 123.667.

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](#).

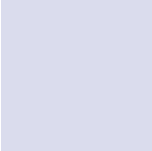
Dichromacy



Original Color
88, 24.177, 123.667

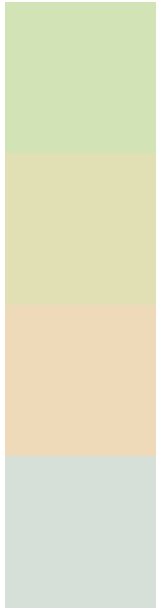
Protanopia
88, 21.963, 94.058

Deuteranopia
88, 21.738, 60.146



Tritanopia
88, 8.897, 286.448

Trichromacy



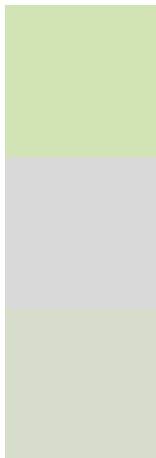
Original Color
88, 24.177, 123.667

Protanomaly
88, 22.271, 106.330

Deuteranomaly
88, 19.023, 83.460

Tritanomaly
88, 4.267, 152.188

Monochromacy



Original Color
88, 24.177, 123.667

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, 24.177, 123.667 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(210, 227, 182)` looks like.

```
.text, #text, p{  
    color:rgb(210, 227, 182)  
}
```

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(210, 227, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 227, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 88, 24.177, 123.667 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(210, 227, 182) }
```

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

```
.border{ border-color:rgb(210, 227, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 227, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 227, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 227, 182);  
box-shadow:4px 4px 4px 4px rgb(210, 227,  
182) }
```

Background

The CSS property to change the background color of an element to CIELCh 88, 24.177, 123.667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 227, 182) }
```

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

```
.background{ background-color: rgb(210,  
227, 182) }
```

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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