

Converting Colors

CIELCh(84, 24.516, 128.142)

Have a look what the booklet for
CIELCh(84, 24.516, 128.142)
contains.

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Color

CIELCh(84, 24.495, 128.146)

Conversions

Conversions Part 1

Format	Color
Hex	C3D9AD
RGB	195, 217, 173
RGB Percent	76%, 85%, 68%
CMY	0.2363, 0.1500, 0.3226
CMYK	0.10, 0.00, 0.20, 0.15
HSL	90°, 37%, 76%
HSV	90°, 20%, 85%
XYZ	54.7028, 64.0658, 48.8901
YIQ	205.4060, 1.0120, -18.3480

Conversions

Conversions Part 2

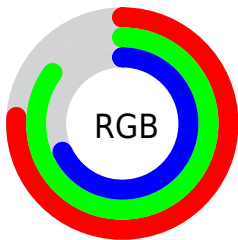
Format	Color
RYB	173, 217, 195
Decimal	12835245
CIELab	84.00, -15.13, 19.26
CIELCh	84, 24.495, 128.146
Yxy	64.0658, 0.3263, 0.3821
Android (android.graphics.Color)	4291025325 (0xFFC3D9AD)
YUV	205.4060, -15.9762, -9.1261
Hunter-Lab	80.0411, -18.0788, 19.8137

Details

The CIELCh color **84, 24.495, 128.146** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **74, 25.186, 310.021**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 13.215, 113.898**, and **64, 24.670, 127.897** is the 20% darker color. If you saturate the color by 10%, you get **83, 36.485, 127.660**, and if you desaturate by 10%, it is **85, 12.419, 128.625**.

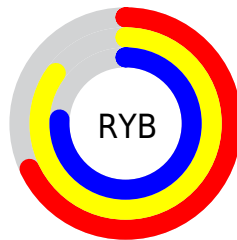
Distribution



Red (76%)

Green (85%)

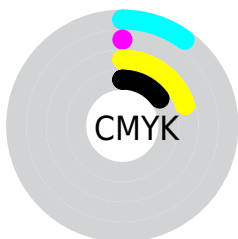
Blue (68%)



Red (68%)

Yellow (85%)

Blue (76%)

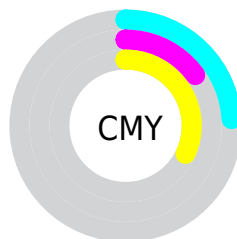


Cyan (10%)

Magenta (0%)

Yellow (20%)

Black (15%)



Cyan (24%)

Magenta (15%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 24.495, 128.146 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 84, 24.495, 128.146 by changing the saturation by 10% instead.


 84, 24.495,
128.146


 84, 24.495,
128.146


 100, 24.495,
128.146


 74, 24.495,
128.146

 64, 24.495,
128.146

 54, 24.495,
128.146

 44, 24.495,
128.146

 34, 24.495,
128.146

 24, 24.495,
128.146

 14, 24.495,

128.146

■ 4, 24.495, 128.146

■ 0, 24.495, 128.146

■ 84, 24.495,
128.146

■ 84, 24.495,
128.146

■ 83, 36.485,
127.660

■ 85, 12.419,
128.625

■ 82, 48.241,
127.180

■ 87, 0.348, 129.419

■ 81, 59.564,
126.748

■ 88, 11.646,
309.457

■ 80, 70.159,
126.427

■ 89, 21.339,
311.730

■ 79, 79.616,

■ 90, 22.881,
320.721

126.309

91, 23.962,
325.259

79, 87.426,
126.518

78, 93.106,
127.177

78, 96.658,
128.219

Harmonies

Complementary

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



84, 24.495, 128.146



74, 25.186, 310.021

Rectangle

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



84, 24.495, 128.146



84, 24.495, 178.146



84, 24.495, 308.146



84, 24.495, 358.146

Sweetspot

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



84, 24.497, 128.148



99, 8.245, 128.824



80, 14.523, 72.897



53, 5.470, 128.793



0, 0.000, 0.000



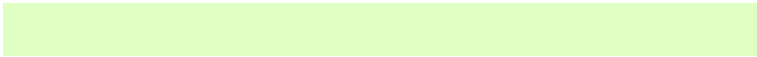
53, 0.007, 296.813

Same Dimension

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



84, 24.497, 128.148



97, 33.032, 127.957



83, 28.430, 143.139



45, 6.778, 128.666



63, 80.735, 127.951



15, 27.750, 128.973

Inverse Universe

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



74, 25.186, 310.021



83, 34.153, 310.225



76, 28.449, 325.544



42, 6.871, 309.482



26, 92.375, 311.964



3, 28.974, 308.408

Previews

White Background



This preview shows how the CIELCh color 84, 24.495, 128.146 looks on a white background.

Color Contrast Check

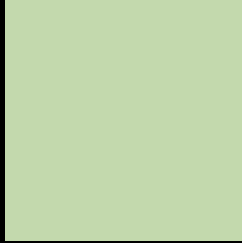
Large Text (above 18pt) WCAG AA × Fail

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 84, 24.495, 128.146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

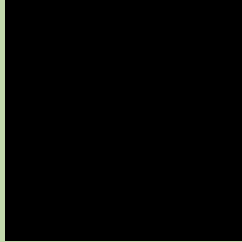
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 24.495, 128.146

Background



This preview shows how black text looks on a background with the CIELCh color 84, 24.495, 128.146.



This preview shows how white text looks on a background with the CIELCh color 84, 24.495, 128.146.

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
84, 24.495, 128.146

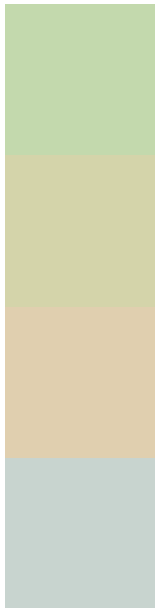
Protanopia
84, 21.570, 94.661

Deuteranopia
84, 20.651, 59.419



Tritanopia
84, 9.170, 277.802

Trichromacy



Original Color
84, 24.495, 128.146

Protanomaly
84, 21.949, 108.264

Deuteranomaly
84, 18.076, 87.211

Tritanomaly
84, 5.092, 167.996

Monochromacy



Original Color
84, 24.495, 128.146

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 8.957, 128.747

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 24.495, 128.146 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(195, 217, 173)` looks like.

```
.text, #text, p{  
    color:rgb(195, 217, 173)  
}
```

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(195, 217, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 217, 173) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 24.495, 128.146 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(195, 217, 173) }
```

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

```
.border{ border-color:rgb(195, 217, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 217, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 217, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 217, 173);  
box-shadow:4px 4px 4px 4px rgb(195, 217,  
173) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 24.495, 128.146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 217, 173) }
```

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

```
.background{ background-color: rgb(195,  
217, 173) }
```

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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