

Converting Colors

CIELCh(84, 23.876, 133.778)

Have a look what the booklet for
CIELCh(84, 23.876, 133.778)
contains.

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Color

CIELCh(84, 23.953, 134.353)

Conversions

Conversions Part 1

Format	Color
Hex	BEDAB1
RGB	190, 218, 177
RGB Percent	75%, 85%, 69%
CMY	0.2560, 0.1462, 0.3070
CMYK	0.13, 0.00, 0.19, 0.15
HSL	101°, 35%, 77%
HSV	101°, 19%, 85%
XYZ	54.0680, 64.0658, 50.9647
YIQ	204.9540, -3.5270, -18.6870

Conversions

Conversions Part 2

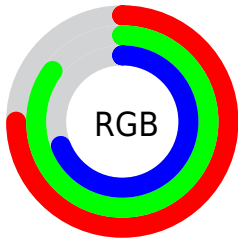
Format	Color
RYB	177, 218, 205
Decimal	12507825
CIELab	84.00, -16.74, 17.13
CIELCh	84, 23.953, 134.353
Yxy	64.0658, 0.3197, 0.3789
Android (android.graphics.Color)	4290697905 (0xFFBEDAB1)
YUV	204.9540, -13.7813, -13.1147
Hunter-Lab	80.0411, -19.4947, 18.2770

Details

The CIELCh color **84, 23.953, 134.353** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **76, 24.322, 315.985**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 11.538, 123.729**, and **64, 24.127, 134.410** is the 20% darker color. If you saturate the color by 10%, you get **83, 36.674, 133.837**, and if you desaturate by 10%, it is **86, 11.196, 134.835**.

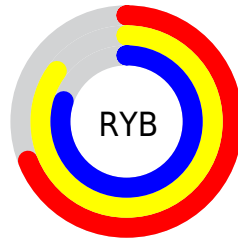
Distribution



Red (75%)

Green (85%)

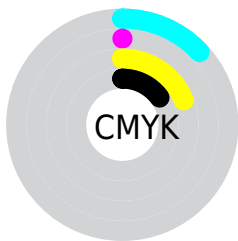
Blue (69%)



Red (69%)

Yellow (85%)

Blue (80%)

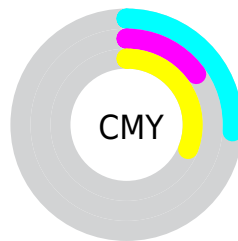


Cyan (13%)

Magenta (0%)

Yellow (19%)

Black (15%)



Cyan (26%)


Magenta (15%)


Yellow (31%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 84, 23.953, 134.353 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, 23.953, 134.353 by changing the saturation by 10% instead.


 84, 23.953,
134.353


 84, 23.953,
134.353


 100, 23.953,
134.353


 74, 23.953,
134.353

 64, 23.953,
134.353

 54, 23.953,
134.353

 44, 23.953,
134.353

 34, 23.953,
134.353


 24, 23.953,
134.353


 14, 23.953,


134.353


 4, 23.953, 134.353

 0, 23.953, 134.353

 84, 23.953,
134.353


 84, 23.953,
134.353


 83, 36.674,
133.837


 86, 11.196,
134.835


 81, 49.195,
133.294

 87, 1.489, 315.115


 80, 61.297,
132.754

 89, 14.021,
315.601

 79, 72.671,
132.271

 91, 22.311,
320.787

 79, 82.894,

 91, 23.350,
325.237

131.931

■ 78, 91.441,
131.855

■ 77, 97.781,
132.170

■ 77, 101.780,
132.891

■ 77, 102.177,
132.971

Harmonies

Complementary

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



84, 23.953, 134.353



76, 24.322, 315.985

Rectangle

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



84, 23.953, 134.353



84, 23.953, 184.353



84, 23.953, 314.353



84, 23.953, 4.353

Sweetspot

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



84, 23.955, 134.354



99, 8.636, 134.964



83, 15.340, 88.732



53, 5.731, 134.933



0, 0.000, 0.000



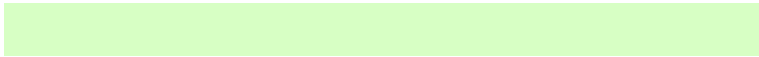
53, 0.007, 296.813

Same Dimension

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



84, 23.955, 134.354



96, 33.279, 134.133



83, 23.546, 148.114



45, 7.244, 134.806



62, 86.009, 132.768



16, 30.997, 133.910

Inverse Universe

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



76, 24.322, 315.985



84, 33.903, 316.179



77, 23.616, 330.533



43, 7.306, 315.571



32, 89.942, 316.878



4, 32.685, 316.682

Previews

White Background



This preview shows how the CIELCh color 84, 23.953, 134.353 looks on a white background.

Color Contrast Check

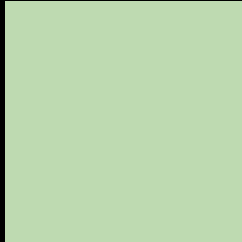
Large Text (above 18pt) WCAG AA × Fail

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 84, 23.953, 134.353 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

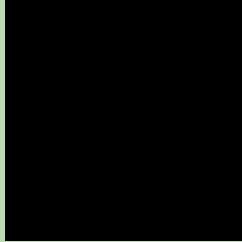
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

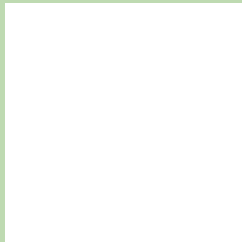
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 23.953, 134.353

Background



This preview shows how black text looks on a background with the CIELCh color 84, 23.953, 134.353.

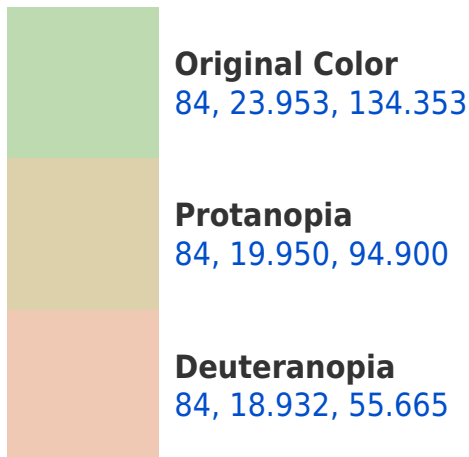


This preview shows how white text looks on a background with the CIELCh color 84, 23.953, 134.353.

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](#).

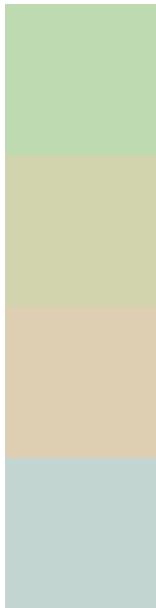
Dichromacy





Tritanopia
84, 9.462, 262.601

Trichromacy



Original Color
84, 23.953, 134.353

Protanomaly
84, 19.894, 110.666

Deuteranomaly
84, 15.816, 87.383

Tritanomaly
84, 6.794, 180.887

Monochromacy



Original Color
84, 23.953, 134.353

Achromatopsia
82, 0.010, 296.813

Achromatomaly
83, 8.915, 136.494

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 23.953, 134.353 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(190, 218, 177)` looks like.

```
.text, #text, p{  
    color:rgb(190, 218, 177)  
}
```

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(190, 218, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 218, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 23.953, 134.353 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(190, 218, 177) }
```

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

```
.border{ border-color:rgb(190, 218, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 218, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 218, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 218, 177);  
box-shadow:4px 4px 4px 4px rgb(190, 218,  
177) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 23.953, 134.353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 218, 177) }
```

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

```
.background{ background-color: rgb(190,  
218, 177) }
```

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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