

Converting Colors

CIELCh(84, 24.754, 93.040)

Have a look what the booklet for
CIELCh(84, 24.754, 93.040) contains.

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Color

CIELCh(84, 24.910, 93.305)

Conversions

Conversions Part 1

Format	Color
Hex	E1D1A3
RGB	225, 209, 163
RGB Percent	88%, 82%, 64%
CMY	0.1187, 0.1814, 0.3618
CMYK	0.00, 0.07, 0.28, 0.12
HSL	45°, 51%, 76%
HSV	45°, 28%, 88%
XYZ	60.2860, 64.0658, 43.7165
YIQ	208.5400, 24.3020, -10.9140

Conversions

Conversions Part 2

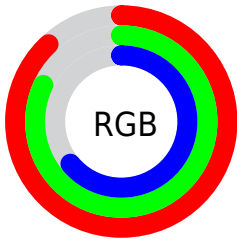
Format	Color
RYB	185, 225, 163
Decimal	14799267
CIELab	84.00, -1.44, 24.87
CIELCh	84, 24.910, 93.305
Yxy	64.0658, 0.3587, 0.3812
Android (android.graphics.Color)	4292989347 (0xFFE1D1A3)
YUV	208.5400, -22.4512, 14.4354
Hunter-Lab	80.0411, -5.6279, 23.6460

Details

The CIELCh color **84, 24.910, 93.305** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **73, 25.340, 280.700**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 18.707, 108.762**, and **64, 25.021, 93.691** is the 20% darker color. If you saturate the color by 10%, you get **82, 34.074, 92.019**, and if you desaturate by 10%, it is **86, 15.789, 94.566**.

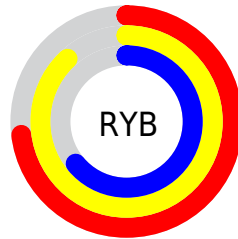
Distribution



Red (88%)

Green (82%)

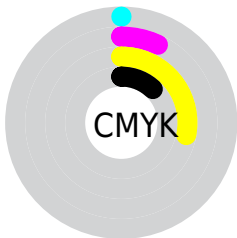
Blue (64%)



Red (73%)

Yellow (88%)

Blue (64%)

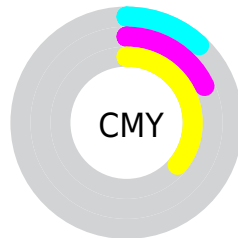


Cyan (0%)

Magenta (7%)

Yellow (28%)

Black (12%)



Cyan (12%)

Magenta (18%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 24.910, 93.305 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, 24.910, 93.305 by changing the saturation by 10% instead.

 84, 24.910, 93.305

 84, 24.910, 93.305

 100, 24.910,
93.305

 74, 24.910, 93.305

 64, 24.910, 93.305

 54, 24.910, 93.305

 44, 24.910, 93.305

 34, 24.910, 93.305

 24, 24.910, 93.305

 14, 24.910, 93.305

 4, 24.910, 93.305

 0, 24.910, 93.305

84, 24.910, 93.305

84, 24.910, 93.305

82, 34.074, 92.019

86, 15.789, 94.566

80, 43.175, 90.695

88, 6.759, 95.769

79, 52.026, 89.337

90, 2.155, 277.074

77, 60.297, 87.931

92, 10.943,
278.126

75, 67.446, 86.440

94, 9.847, 264.354

74, 72.716, 84.790

95, 8.578, 242.744

72, 75.460, 82.870

96, 8.762, 218.457

72, 75.944, 82.388

98, 10.263,
198.822

Harmonies

Complementary

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



84, 24.910, 93.305



73, 25.340, 280.700

Rectangle

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



84, 24.910, 93.305



84, 24.910, 143.305



84, 24.910, 273.305



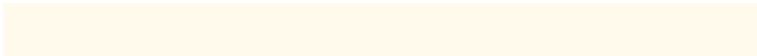
84, 24.910, 323.305

Sweetspot

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



84, 24.911, 93.311



98, 7.905, 95.713



73, 25.325, 1.337



52, 5.625, 95.535



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, 24.911, 93.311



93, 33.105, 92.585



87, 32.456, 117.483



46, 5.064, 95.550



57, 63.332, 82.772



15, 21.992, 85.845

Inverse Universe

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



73, 25.340, 280.700



78, 33.836, 281.751



70, 34.440, 301.387



44, 5.100, 277.901



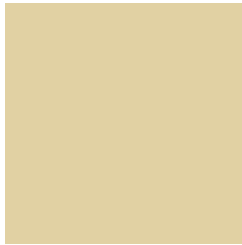
27, 82.359, 300.167



4, 26.005, 289.557

Previews

White Background



This preview shows how the CIELCh color 84, 24.910, 93.305 looks on a white background.

Color Contrast Check

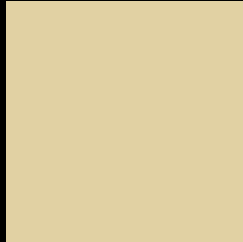
Large Text (above 18pt) WCAG AA × Fail

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, 24.910, 93.305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

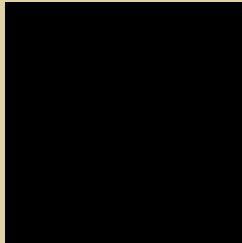
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 24.910, 93.305

Background



This preview shows how black text looks on a background with the CIELCh color 84, 24.910, 93.305.

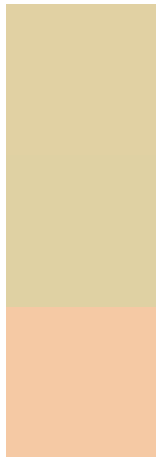


This preview shows how white text looks on a background with the CIELCh color 84, 24.910, 93.305.

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, 24.910, 93.305

Protanopia

84, 24.712, 95.094

Deuteranopia

84, 26.518, 66.722



Tritanopia
84, 13.814, 342.940

Trichromacy



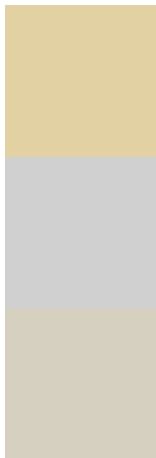
Original Color
84, 24.910, 93.305

Protanomaly
84, 24.808, 94.196

Deuteranomaly
84, 25.166, 75.644

Tritanomaly
84, 10.113, 41.254

Monochromacy



Original Color
84, 24.910, 93.305

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 8.694, 94.417

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 24.910, 93.305 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(225, 209, 163)` looks like.

```
.text, #text, p{  
    color:rgb(225, 209, 163)  
}
```

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(225, 209, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 209, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 24.910, 93.305 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(225, 209, 163) }
```

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

```
.border{ border-color:rgb(225, 209, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 209, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 209, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 209, 163);  
box-shadow:4px 4px 4px 4px rgb(225, 209,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 24.910, 93.305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 209, 163) }
```

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

```
.background{ background-color: rgb(225,  
209, 163) }
```

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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