

Converting Colors

CIELCh(84, 32.762, 93.774)

Have a look what the booklet for
CIELCh(84, 32.762, 93.774) contains.

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Color

CIELCh(84, 32.762, 93.774)

Conversions

Conversions Part 1

Format	Color
Hex	E4D194
RGB	228, 209, 148
RGB Percent	89%, 82%, 58%
CMY	0.1069, 0.1813, 0.4205
CMYK	0.00, 0.08, 0.35, 0.11
HSL	46°, 59%, 74%
HSV	46°, 35%, 89%
XYZ	59.9832, 64.0658, 37.1255
YIQ	207.7270, 30.9050, -14.9430

Conversions

Conversions Part 2

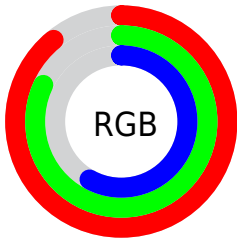
Format	Color
R _Y B	173, 228, 148
Decimal	14995860
CIE Lab	84.00, -2.16, 32.69
CIE LCh	84, 32.762, 93.774
Yxy	64.0658, 0.3722, 0.3975
Android (android.graphics.Color)	4293185940 (0xFFE4D194)
YUV	207.7270, -29.4454, 17.7794
Hunter-Lab	80.0411, -6.3030, 28.5283

Details

The CIELCh color **84, 32.762, 93.774** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **69, 33.792, 283.420**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 26.235, 108.186**, and **64, 32.588, 94.281** is the 20% darker color. If you saturate the color by 10%, you get **82, 42.104, 92.488**, and if you desaturate by 10%, it is **86, 23.360, 95.040**.

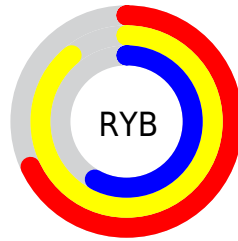
Distribution



Red (89%)

Green (82%)

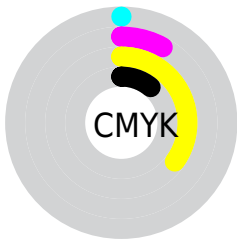
Blue (58%)



Red (68%)

Yellow (89%)

Blue (58%)

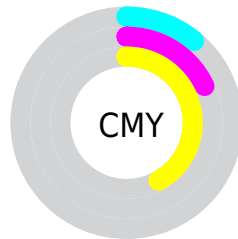


Cyan (0%)

Magenta (8%)

Yellow (35%)

Black (11%)



Cyan (11%)

Magenta (18%)

Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 32.762, 93.774 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, 32.762, 93.774 by changing the saturation by 10% instead.

 84, 32.762, 93.774

 84, 32.762, 93.774

 100, 32.762,
93.774

 74, 32.762, 93.774

 64, 32.762, 93.774

 54, 32.762, 93.774

 44, 32.762, 93.774

 34, 32.762, 93.774

 24, 32.762, 93.774

 14, 32.762, 93.774

 4, 32.762, 93.774

 0, 32.762, 93.774

84, 32.762, 93.774

84, 32.762, 93.774

82, 42.104, 92.488

86, 23.360, 95.040

81, 51.208, 91.171

88, 13.990, 96.265

79, 59.772, 89.820

90, 4.702, 97.429

77, 67.297, 88.413

91, 4.479, 278.665

76, 73.066, 86.896

93, 10.224,
275.469

75, 76.325, 85.176

95, 8.356, 257.582

74, 77.207, 84.270

96, 7.640, 233.485

97, 8.357, 209.522

98, 9.267, 198.891

Harmonies

Complementary

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



84, 32.762, 93.774



69, 33.792, 283.420

Rectangle

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



84, 32.762, 93.774



84, 32.762, 143.774



84, 32.762, 273.774



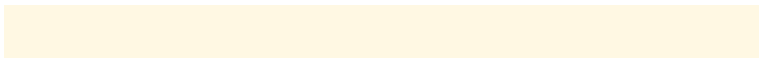
84, 32.762, 323.774

Sweetspot

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



84, 32.763, 93.779



98, 11.130, 96.747



70, 32.822, 3.675



52, 7.485, 96.586



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, 32.763, 93.779



92, 42.971, 92.860



87, 41.657, 117.695



47, 5.270, 96.936



59, 64.430, 84.613



16, 23.674, 87.503

Inverse Universe

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



69, 33.792, 283.420



72, 44.756, 284.913



66, 44.996, 302.653



45, 5.316, 279.254



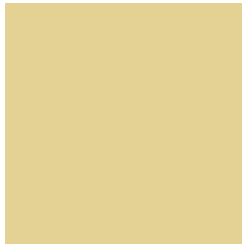
26, 85.553, 301.034



5, 28.158, 291.395

Previews

White Background



This preview shows how the CIELCh color 84, 32.762, 93.774 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, 32.762, 93.774 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, 32.762, 93.774

Background



This preview shows how black text looks on a background with the CIELCh color 84, 32.762, 93.774.

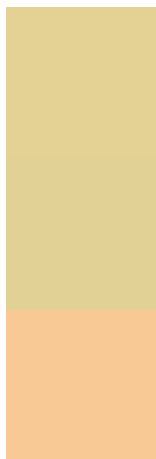


This preview shows how white text looks on a background with the CIELCh color 84, 32.762, 93.774.

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, 32.762, 93.774

Protanopia

84, 32.568, 95.167

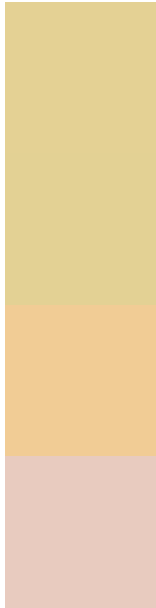
Deuteranopia

84, 34.012, 72.379



Tritanopia
84, 15.320, 347.337

Trichromacy



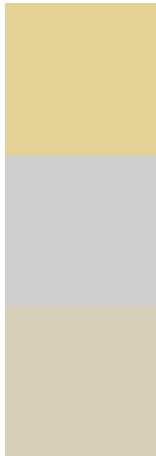
Original Color
84, 32.762, 93.774

Protanomaly
84, 32.662, 94.469

Deuteranomaly
84, 32.746, 80.131

Tritanomaly
84, 12.763, 49.551

Monochromacy



Original Color
84, 32.762, 93.774

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 12.365, 96.678

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 32.762, 93.774 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(228, 209, 148)` looks like.

```
.text, #text, p{  
    color:rgb(228, 209, 148)  
}
```

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(228, 209, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 209, 148) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 32.762, 93.774 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(228, 209, 148) }
```

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

```
.border{ border-color:rgb(228, 209, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 209, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 209, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 209, 148); box-shadow:4px 4px 4px 4px rgb(228, 209, 148) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 32.762, 93.774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 209, 148) }
```

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

```
.background{ background-color: rgb(228,  
209, 148) }
```

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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