

Converting Colors

CIELCh(84, 34.596, 95.416)

Have a look what the booklet for
CIELCh(84, 34.596, 95.416) contains.

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Color

CIELCh(84, 34.665, 94.981)

Conversions

Conversions Part 1

Format	Color
Hex	E3D190
RGB	227, 209, 144
RGB Percent	89%, 82%, 56%
CMY	0.1091, 0.1797, 0.4346
CMYK	0.00, 0.08, 0.37, 0.11
HSL	47°, 60%, 73%
HSV	47°, 37%, 89%
XYZ	59.6259, 64.0658, 35.6756
YIQ	206.9720, 31.5930, -16.3990

Conversions

Conversions Part 2

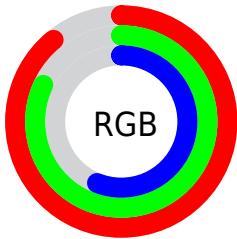
Format	Color
R _Y B	167, 227, 144
Decimal	14930320
CIE Lab	84.00, -3.01, 34.53
CIE LCh	84, 34.665, 94.981
Yxy	64.0658, 0.3741, 0.4020
Android (android.graphics.Color)	4293120400 (0xFFE3D190)
YUV	206.9720, -31.0452, 17.5646
Hunter-Lab	80.0411, -7.1000, 29.6023

Details

The CIELCh color **84, 34.665, 94.981** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **68, 36.075, 284.930**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 28.732, 107.994**, and **64, 34.562, 95.446** is the 20% darker color. If you saturate the color by 10%, you get **82, 44.080, 93.721**, and if you desaturate by 10%, it is **86, 25.139, 96.225**.

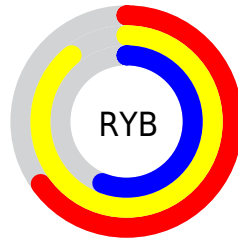
Distribution



Red (89%)

Green (82%)

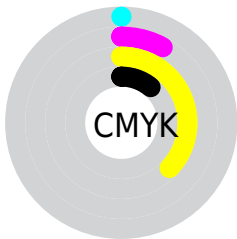
Blue (56%)



Red (65%)

Yellow (89%)

Blue (56%)

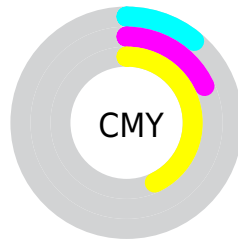


Cyan (0%)

Magenta (8%)

Yellow (37%)

Black (11%)



Cyan (11%)

Magenta (18%)

Yellow (43%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 34.665, 94.981 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, 34.665, 94.981 by changing the saturation by 10% instead.

 84, 34.665, 94.981

 84, 34.665, 94.981

 100, 34.665,
94.981

 74, 34.665, 94.981

 64, 34.665, 94.981

 54, 34.665, 94.981

 44, 34.665, 94.981

 34, 34.665, 94.981

 24, 34.665, 94.981

 14, 34.665, 94.981

 4, 34.665, 94.981

 0, 34.665, 94.981

84, 34.665, 94.981

84, 34.665, 94.981

82, 44.080, 93.721

86, 25.139, 96.225

81, 53.184, 92.437

87, 15.609, 97.434

79, 61.641, 91.128

89, 6.138, 98.594

78, 68.915, 89.776

91, 3.245, 279.818

77, 74.277, 88.334

93, 11.130,
279.392

75, 77.057, 86.722

94, 9.171, 265.519

75, 77.657, 86.139

95, 7.985, 246.129

96, 7.912, 223.625

98, 8.965, 203.776

Harmonies

Complementary

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



84, 34.665, 94.981



68, 36.075, 284.930

Rectangle

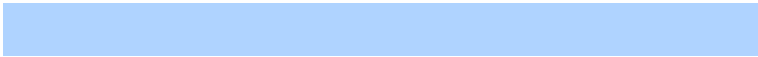
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84, 34.665, 94.981



84, 34.665, 144.981



84, 34.665, 274.981



84, 34.665, 324.981

Sweetspot

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



84, 34.666, 94.985



98, 11.369, 98.077



69, 34.020, 5.140



52, 7.645, 97.919



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, 34.666, 94.985



92, 45.801, 94.009



87, 43.320, 118.304



47, 5.384, 98.263



60, 64.931, 86.443



17, 24.082, 89.237

Inverse Universe

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



68, 36.075, 284.930



70, 48.287, 286.566



65, 46.894, 303.326



45, 5.440, 280.542



26, 87.687, 301.798



4, 28.662, 291.985

Previews

White Background



This preview shows how the CIELCh color 84, 34.665, 94.981 looks on a white background.

Color Contrast Check

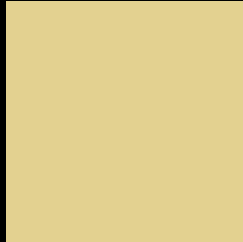
Large Text (above 18pt) WCAG AA × Fail

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, 34.665, 94.981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

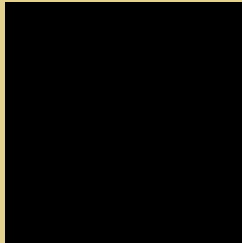
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 84, 34.665, 94.981

Background



This preview shows how black text looks on a background with the CIELCh color 84, 34.665, 94.981.



This preview shows how white text looks on a background with the CIELCh color 84, 34.665, 94.981.

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, 34.665, 94.981

Protanopia

84, 34.665, 94.981

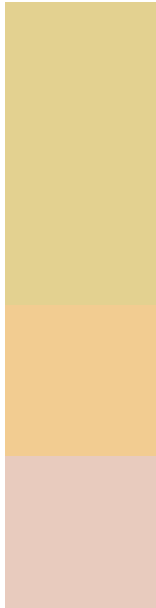
Deuteranopia

84, 35.592, 73.066



Tritanopia
84, 15.320, 347.337

Trichromacy



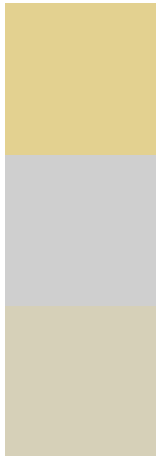
Original Color
84, 34.665, 94.981

Protanomaly
84, 34.665, 94.981

Deuteranomaly
84, 34.827, 80.807

Tritanomaly
84, 13.052, 51.480

Monochromacy



Original Color
84, 34.665, 94.981

Achromatopsia
83, 0.010, 296.813

Achromatomaly
83, 12.807, 98.792

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 34.665, 94.981 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(227, 209, 144)` looks like.

```
.text, #text, p{  
    color:rgb(227, 209, 144)  
}
```

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(227, 209, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 209, 144) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 34.665, 94.981 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(227, 209, 144) }
```

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

```
.border{ border-color:rgb(227, 209, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 209, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 209, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 209, 144); box-shadow:4px 4px 4px 4px rgb(227, 209, 144) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 34.665, 94.981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 209, 144) }
```

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

```
.background{ background-color: rgb(227,  
209, 144) }
```

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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