

Converting Colors

CIELCh(84, 25.308, 90.435)

Have a look what the booklet for
CIELCh(84, 25.308, 90.435) contains.

CIELCh(84, 25.278, 90.657)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(84, 25.278, 90.657)

Conversions

Conversions Part 1

Format	Color
Hex	E3D0A2
RGB	227, 208, 162
RGB Percent	89%, 82%, 64%
CMY	0.1097, 0.1842, 0.3646
CMYK	0.00, 0.08, 0.29, 0.11
HSL	42°, 54%, 76%
HSV	42°, 29%, 89%
XYZ	60.7698, 64.0658, 43.3551
YIQ	208.4370, 26.0900, -10.2780

Conversions

Conversions Part 2

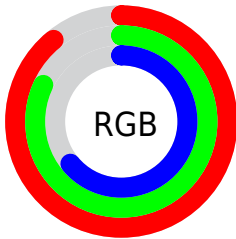
Format	Color
RYB	189, 227, 162
Decimal	14930082
CIELab	84.00, -0.29, 25.28
CIELCh	84, 25.278, 90.657
Yxy	64.0658, 0.3613, 0.3809
Android (android.graphics.Color)	4293120162 (0xFFE3D0A2)
YUV	208.4370, -22.8934, 16.2798
Hunter-Lab	80.0411, -4.5488, 23.9137

Details

The CIELCh color **84, 25.278, 90.657** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **74, 25.470, 278.565**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 19.210, 108.724**, and **64, 25.410, 90.839** is the 20% darker color. If you saturate the color by 10%, you get **82, 34.311, 89.331**, and if you desaturate by 10%, it is **86, 16.325, 91.955**.

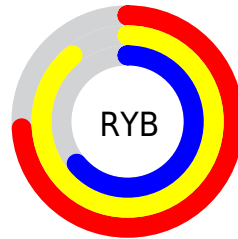
Distribution



Red (89%)

Green (82%)

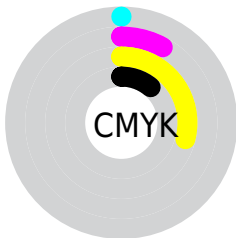
Blue (64%)



Red (74%)

Yellow (89%)

Blue (64%)

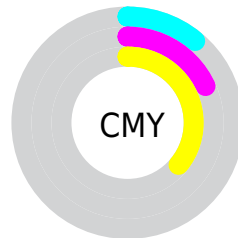


Cyan (0%)

Magenta (8%)

Yellow (29%)

Black (11%)



Cyan (11%)

Magenta (18%)

Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 25.278, 90.657 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, 25.278, 90.657 by changing the saturation by 10% instead.

 84, 25.278, 90.657

 84, 25.278, 90.657

 100, 25.278,
90.657

 74, 25.278, 90.657

 64, 25.278, 90.657

 54, 25.278, 90.657

 44, 25.278, 90.657

 34, 25.278, 90.657

 24, 25.278, 90.657

 14, 25.278, 90.657

 4, 25.278, 90.657

 0, 25.278, 90.657

84, 25.278, 90.657

84, 25.278, 90.657

82, 34.311, 89.331

86, 16.325, 91.955

80, 43.324, 87.961

88, 7.496, 93.193

78, 52.131, 86.546

91, 1.190, 274.632

76, 60.399, 85.064

93, 9.727, 275.621

74, 67.565, 83.460

95, 8.486, 256.193

73, 72.831, 81.631

96, 7.892, 226.871

71, 75.609, 79.450

98, 9.324, 200.563

71, 75.921, 79.145

98, 9.507, 198.875

Harmonies

Complementary

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



84, 25.278, 90.657



74, 25.470, 278.565

Rectangle

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



84, 25.278, 90.657



84, 25.278, 140.657



84, 25.278, 270.657



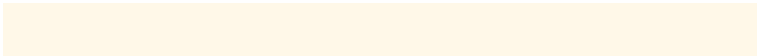
84, 25.278, 320.657

Sweetspot

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



84, 25.279, 90.663



98, 8.592, 93.142



73, 26.874, 359.102



52, 5.979, 92.965



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, 25.279, 90.663



92, 33.105, 89.924



88, 33.802, 116.025



47, 4.980, 93.093



57, 63.480, 79.576



15, 22.698, 82.543

Inverse Universe

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



74, 25.470, 278.565



78, 33.437, 279.646



70, 36.033, 300.359



45, 4.999, 275.512



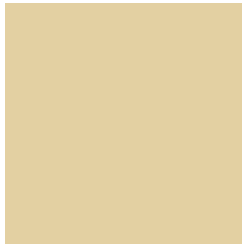
29, 79.461, 298.648



5, 26.686, 289.520

Previews

White Background



This preview shows how the CIELCh color 84, 25.278, 90.657 looks on a white background.

Color Contrast Check

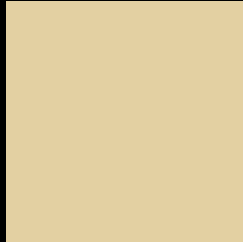
Large Text (above 18pt) WCAG AA × Fail

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, 25.278, 90.657 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

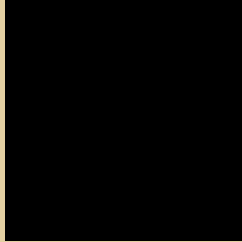
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

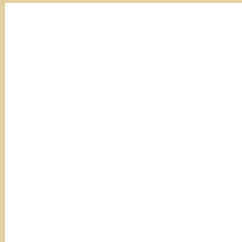
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 25.278, 90.657

Background



This preview shows how black text looks on a background with the CIELCh color 84, 25.278, 90.657.



This preview shows how white text looks on a background with the CIELCh color 84, 25.278, 90.657.

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, 14.112, 346.552

Trichromacy



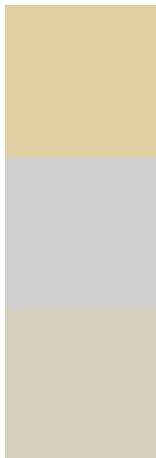
Original Color
84, 25.278, 90.657

Protanomaly
84, 24.808, 94.196

Deuteranomaly
84, 25.620, 76.193

Tritanomaly
84, 11.043, 42.330

Monochromacy



Original Color
84, 25.278, 90.657

Achromatopsia
83, 0.010, 296.813

Achromatomaly
84, 9.303, 92.933

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 25.278, 90.657 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, 208, 162)` looks like.

```
.text, #text, p{  
    color:rgb(227, 208, 162)  
}
```

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, 208, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 208, 162) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 25.278, 90.657 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, 208, 162) }
```

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

```
.border{ border-color:rgb(227, 208, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 208, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 208, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 208, 162);  
box-shadow:4px 4px 4px 4px rgb(227, 208,  
162) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 25.278, 90.657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 208, 162) }
```

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

```
.background{ background-color: rgb(227,  
208, 162) }
```

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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