

Converting Colors

CIELCh(85, 29.450, 99.096)

Have a look what the booklet for
CIELCh(85, 29.450, 99.096) contains.

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Color

CIELCh(85, 29.475, 99.081)

Conversions

Conversions Part 1

Format	Color
Hex	E0D59D
RGB	224, 213, 157
RGB Percent	88%, 84%, 62%
CMY	0.1208, 0.1639, 0.3836
CMYK	0.00, 0.05, 0.30, 0.12
HSL	50°, 52%, 75%
HSV	50°, 30%, 88%
XYZ	60.7479, 66.0070, 41.5207
YIQ	209.9050, 24.5320, -15.0840

Conversions

Conversions Part 2

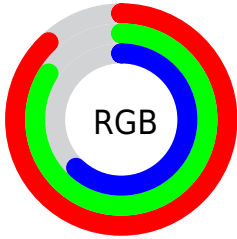
Format	Color
R _{YB}	170, 224, 157
Decimal	14734749
CIE Lab	85.00, -4.65, 29.11
CIE LCh	85, 29.475, 99.081
Yxy	66.0070, 0.3610, 0.3923
Android (android.graphics.Color)	4292924829 (0xFFE0D59D)
YUV	209.9050, -26.0822, 12.3613
Hunter-Lab	81.2447, -8.7111, 26.5707

Details

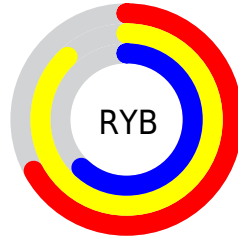
The CIELCh color **85, 29.475, 99.081** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **70, 30.788, 286.606**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 21.724, 108.532**, and **65, 29.356, 98.599** is the 20% darker color. If you saturate the color by 10%, you get **84, 39.250, 97.911**, and if you desaturate by 10%, it is **86, 19.605, 100.243**.

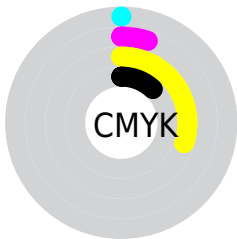
Distribution



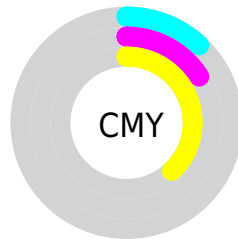
- Red (88%)
- Green (84%)
- Blue (62%)



- Red (67%)
- Yellow (88%)
- Blue (62%)



- Cyan (0%)
- Magenta (5%)
- Yellow (30%)
- Black (12%)



- Cyan (12%)
- Magenta (16%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 29.475, 99.081 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 85, 29.475, 99.081 by changing the saturation by 10% instead.

■ 85, 29.475, 99.081

■ 85, 29.475, 99.081

■ 100, 29.475,
99.081

■ 75, 29.475, 99.081

■ 65, 29.475, 99.081

■ 55, 29.475, 99.081

■ 45, 29.475, 99.081

■ 35, 29.475, 99.081

■ 25, 29.475, 99.081

■ 15, 29.475, 99.081

■ 5, 29.475, 99.081

■ 0, 29.475, 99.081

85, 29.475, 99.081

85, 29.475, 99.081

84, 39.250, 97.911

86, 19.605,
100.243

82, 48.772, 96.729

88, 9.723, 101.370

81, 57.788, 95.550

89, 0.119, 283.751

80, 65.885, 94.378

91, 9.893, 283.566

79, 72.463, 93.208

92, 12.313,
279.427

78, 76.825, 92.015

77, 78.800, 90.763

93, 10.770,
270.628

77, 78.818, 90.749

94, 9.555, 259.322

95, 8.801, 245.506

96, 8.622, 230.224

Harmonies

Complementary

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



85, 29.475, 99.081



70, 30.788, 286.606

Rectangle

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



85, 29.475, 99.081



85, 29.475, 149.081



85, 29.475, 279.081



85, 29.475, 329.081

Sweetspot

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



85, 29.476, 99.086



99, 9.819, 101.461



71, 26.855, 9.117



52, 6.827, 101.299



0, 0.000, 0.000



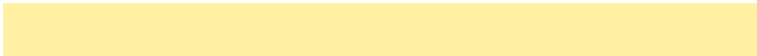
53, 0.007, 296.813

Same Dimension

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



85, 29.476, 99.086



94, 39.369, 98.339



86, 35.644, 121.392



46, 5.586, 101.419



62, 65.857, 90.968



16, 23.894, 93.600

Inverse Universe

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



70, 30.788, 286.606



74, 41.618, 287.765



69, 37.753, 304.962



44, 5.664, 283.592



24, 91.601, 303.432



4, 28.062, 292.187

Previews

White Background



This preview shows how the CIELCh color 85, 29.475, 99.081 looks on a white background.

Color Contrast Check

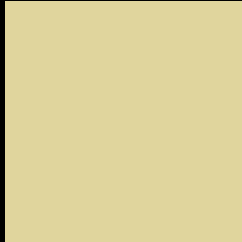
Large Text (above 18pt) WCAG AA × Fail

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 85, 29.475, 99.081 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

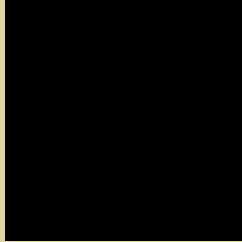
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

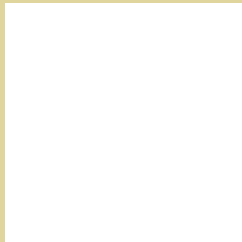
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 29.475, 99.081

Background



This preview shows how black text looks on a background with the CIELCh color 85, 29.475, 99.081.



This preview shows how white text looks on a background with the CIELCh color 85, 29.475, 99.081.

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

85, 29.475, 99.081

Protanopia

85, 29.378, 95.095

Deuteranopia

85, 30.339, 70.276

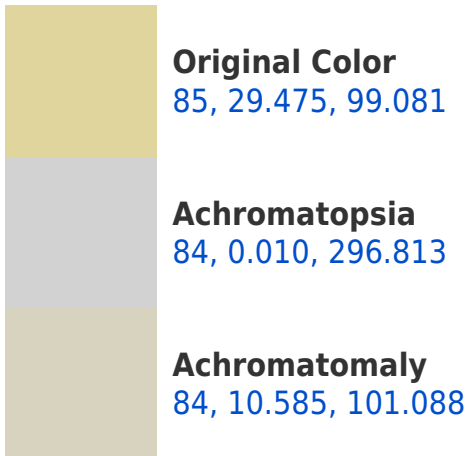


Tritanopia
85, 12.921, 339.847

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 29.475, 99.081 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(224, 213, 157)` looks like.

```
.text, #text, p{  
    color:rgb(224, 213, 157)  
}
```

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(224, 213, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 213, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 29.475, 99.081 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(224, 213, 157) }
```

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

```
.border{ border-color:rgb(224, 213, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 213, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 213, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 213, 157);  
box-shadow:4px 4px 4px 4px rgb(224, 213,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 29.475, 99.081 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 213, 157) }
```

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

```
.background{ background-color: rgb(224,  
213, 157) }
```

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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