

Converting Colors

CIELCh(85, 18.432, 78.208)

Have a look what the booklet for
CIELCh(85, 18.432, 78.208) contains.

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Color

CIELCh(85, 18.327, 78.179)

Conversions

Conversions Part 1

Format	Color
Hex	E9D1B3
RGB	233, 209, 179
RGB Percent	91%, 82%, 70%
CMY	0.0873, 0.1813, 0.2990
CMYK	0.00, 0.10, 0.23, 0.09
HSL	33°, 55%, 81%
HSV	33°, 23%, 91%
XYZ	64.3749, 66.0070, 51.8692
YIQ	212.7560, 23.9340, -4.2420

Conversions

Conversions Part 2

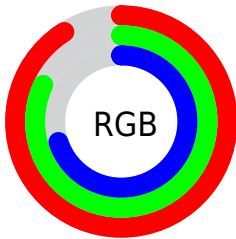
Format	Color
R _Y B	222, 233, 179
Decimal	15323571
CIE Lab	85.00, 3.75, 17.94
CIE LCh	85, 18.327, 78.179
Yxy	66.0070, 0.3532, 0.3622
Android (android.graphics.Color)	4293513651 (0xFFE9D1B3)
YUV	212.7560, -16.6417, 17.7540
Hunter-Lab	81.2447, -0.7424, 19.0186

Details

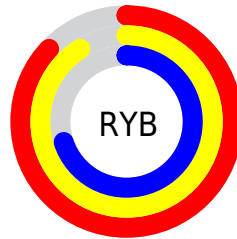
The CIELCh color **85, 18.327, 78.179** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **81, 17.585, 264.716**, and the grayscale version is **85, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 10.124, 109.411**, and **65, 18.561, 78.762** is the 20% darker color. If you saturate the color by 10%, you get **82, 26.730, 76.852**, and if you desaturate by 10%, it is **88, 10.228, 79.484**.

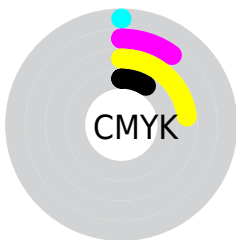
Distribution



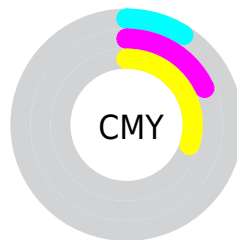
- Red (91%)
- Green (82%)
- Blue (70%)



- Red (87%)
- Yellow (91%)
- Blue (70%)



- Cyan (0%)
- Magenta (10%)
- Yellow (23%)
- Black (9%)



- Cyan (9%)
- Magenta (18%)
- Yellow (30%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 85, 18.327, 78.179 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, 18.327, 78.179 by changing the saturation by 10% instead.

 85, 18.327, 78.179

 85, 18.327, 78.179

 100, 18.327,
78.179

 75, 18.327, 78.179

 65, 18.327, 78.179

 55, 18.327, 78.179

 45, 18.327, 78.179

 35, 18.327, 78.179

 25, 18.327, 78.179

 15, 18.327, 78.179

 5, 18.327, 78.179

 0, 18.327, 78.179

85, 18.327, 78.179

85, 18.327, 78.179

82, 26.730, 76.852

88, 10.228, 79.484

79, 35.419, 75.485

91, 2.425, 80.648

76, 44.327, 74.083

94, 5.103, 262.108

73, 53.287, 72.617

97, 6.393, 222.125

71, 61.955, 71.023

98, 7.605, 199.011

68, 69.679, 69.156

66, 75.461, 66.750

64, 78.176, 64.787

Harmonies

Complementary

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



85, 18.327, 78.179



81, 17.585, 264.716

Rectangle

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



85, 18.327, 78.179



85, 18.327, 128.179



85, 18.327, 258.179



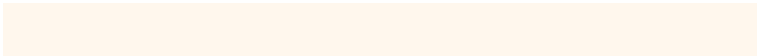
85, 18.327, 308.179

Sweetspot

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



85, 18.328, 78.188



98, 5.773, 80.244



78, 23.780, 348.625



52, 3.756, 80.172



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, 18.328, 78.188



91, 24.050, 77.531



91, 27.703, 110.073



48, 4.400, 79.950



51, 64.640, 65.425



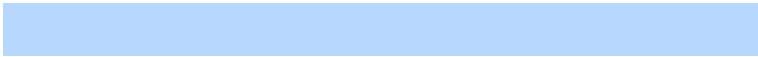
14, 22.316, 66.940

Inverse Universe

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



81, 17.585, 264.716



85, 22.848, 265.648



75, 29.256, 294.614



47, 4.339, 262.518



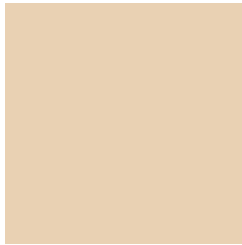
36, 62.173, 288.996



8, 22.680, 281.370

Previews

White Background



This preview shows how the CIELCh color 85, 18.327, 78.179 looks on a white background.

Color Contrast Check

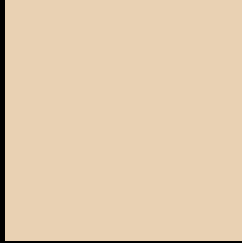
Large Text (above 18pt) WCAG AA × Fail

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 85, 18.327, 78.179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

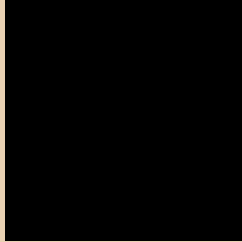
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

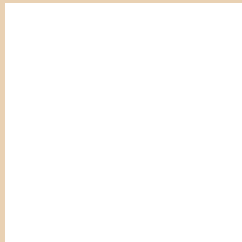
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 85, 18.327, 78.179

Background



This preview shows how black text looks on a background with the CIELCh color 85, 18.327, 78.179.



This preview shows how white text looks on a background with the CIELCh color 85, 18.327, 78.179.

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, 18.327, 78.179

Protanopia

85, 17.264, 94.504

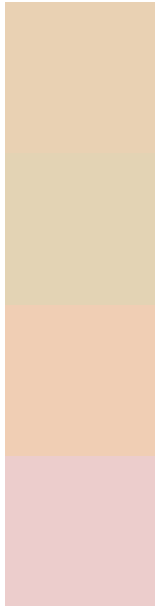
Deuteranopia

85, 20.222, 58.398



Tritanopia
85, 15.280, 347.319

Trichromacy



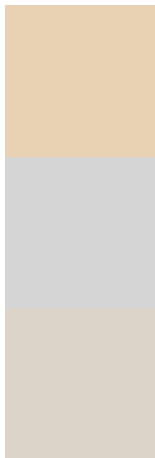
Original Color
85, 18.327, 78.179

Protanomaly
85, 17.373, 87.902

Deuteranomaly
85, 19.130, 65.076

Tritanomaly
85, 11.597, 22.807

Monochromacy



Original Color
85, 18.327, 78.179

Achromatopsia
85, 0.010, 296.813

Achromatomaly
85, 6.197, 77.083

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 85, 18.327, 78.179 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(233, 209, 179)` looks like.

```
.text, #text, p{  
    color:rgb(233, 209, 179)  
}
```

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(233, 209, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 209, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 85, 18.327, 78.179 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(233, 209, 179) }
```

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

```
.border{ border-color:rgb(233, 209, 179) }
```

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

Here you see how a box with a 4 pixel rgb(233, 209, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 209, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 209, 179);  
box-shadow:4px 4px 4px 4px rgb(233, 209,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 85, 18.327, 78.179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 209, 179) }
```

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

```
.background{ background-color: rgb(233,  
209, 179) }
```

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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