

Converting Colors

CIELCh(86, 18.419, 78.411)

Have a look what the booklet for
CIELCh(86, 18.419, 78.411) contains.

CIELCh(86, 18.732, 78.947)	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(86, 18.732, 78.947)

Conversions

Conversions Part 1

Format	Color
Hex	ECD4B5
RGB	236, 212, 181
RGB Percent	93%, 83%, 71%
CMY	0.0760, 0.1701, 0.2916
CMYK	0.00, 0.10, 0.23, 0.08
HSL	34°, 59%, 82%
HSV	34°, 23%, 92%
XYZ	66.2162, 67.9871, 53.1528
YIQ	215.6420, 24.2550, -4.5530

Conversions

Conversions Part 2

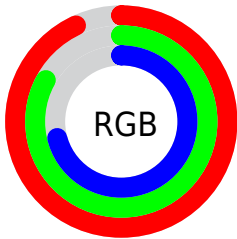
Format	Color
R _Y B	224, 236, 181
Decimal	15520949
CIE Lab	86.00, 3.59, 18.38
CIE LCh	86, 18.732, 78.947
Yxy	67.9871, 0.3534, 0.3629
Android (android.graphics.Color)	4293711029 (0xFFECD4B5)
YUV	215.6420, -17.0785, 17.8540
Hunter-Lab	82.4543, -0.9479, 19.4977

Details

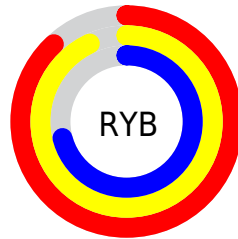
The CIELCh color $86, 18.732, 78.947$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $81, 18.022, 265.542$, and the grayscale version is $86, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 9.112, 109.487$, and $66, 18.733, 77.691$ is the 20% darker color. If you saturate the color by 10%, you get $83, 27.253, 77.612$, and if you desaturate by 10%, it is $89, 10.508, 80.259$.

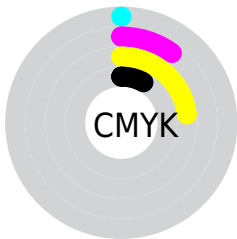
Distribution



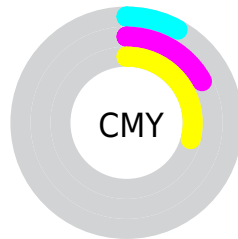
- Red (93%)
- Green (83%)
- Blue (71%)



- Red (88%)
- Yellow (93%)
- Blue (71%)



- Cyan (0%)
- Magenta (10%)
- Yellow (23%)
- Black (8%)



- Cyan (8%)
- Magenta (17%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 18.732, 78.947 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 86, 18.732, 78.947 by changing the saturation by 10% instead.

 86, 18.732, 78.947

 86, 18.732, 78.947

 100, 18.732,
78.947

 76, 18.732, 78.947

 66, 18.732, 78.947

 56, 18.732, 78.947

 46, 18.732, 78.947

 36, 18.732, 78.947

 26, 18.732, 78.947

 16, 18.732, 78.947

 6, 18.732, 78.947

 0, 18.732, 78.947

86, 18.732, 78.947

86, 18.732, 78.947

83, 27.253, 77.612

89, 10.508, 80.259

80, 36.048, 76.236

92, 2.574, 81.436

77, 45.045, 74.821

95, 5.088, 262.888

74, 54.071, 73.341

98, 5.961, 210.307

72, 62.764, 71.729

99, 6.645, 199.084

69, 70.457, 69.842

67, 76.142, 67.419

65, 78.723, 65.488

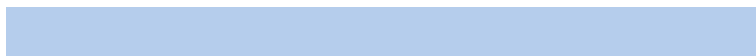
Harmonies

Complementary

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



86, 18.732, 78.947



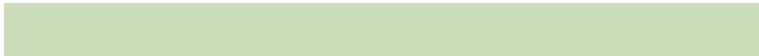
81, 18.022, 265.542

Rectangle

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



86, 18.732, 78.947



86, 18.732, 128.947



86, 18.732, 258.947



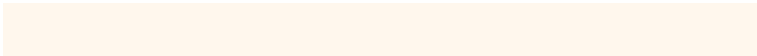
86, 18.732, 308.947

Sweetspot

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



86, 18.733, 78.956



98, 5.812, 81.041



79, 24.164, 348.642



52, 3.781, 80.968



0, 0.000, 0.000



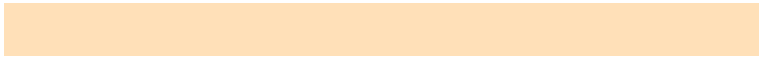
53, 0.007, 296.813

Same Dimension

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



86, 18.733, 78.956



91, 24.179, 78.317



92, 28.144, 110.059



48, 4.429, 80.746



51, 64.501, 66.147



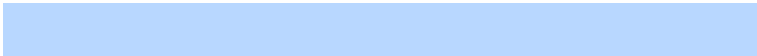
14, 22.357, 67.811

Inverse Universe

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



81, 18.022, 265.542



85, 23.055, 266.445



75, 29.734, 294.634



46, 4.373, 263.315



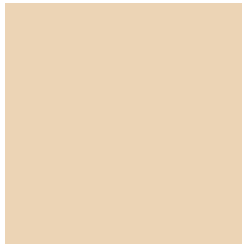
36, 63.131, 289.648



8, 23.000, 282.104

Previews

White Background



This preview shows how the CIELCh color 86, 18.732, 78.947 looks on a white background.

Color Contrast Check

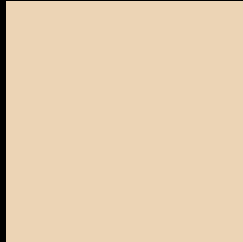
Large Text (above 18pt) WCAG AA × Fail

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 86, 18.732, 78.947 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

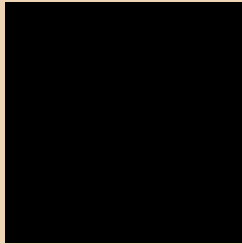
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 86, 18.732, 78.947

Background



This preview shows how black text looks on a background with the CIELCh color 86, 18.732, 78.947.



This preview shows how white text looks on a background with the CIELCh color 86, 18.732, 78.947.

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


86, 18.732, 78.947

Protanopia

86, 17.822, 93.670

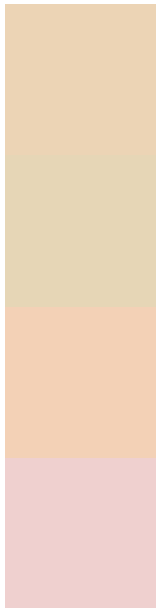
Deuteranopia

86, 20.824, 58.790



Tritanopia
86, 15.240, 347.302

Trichromacy



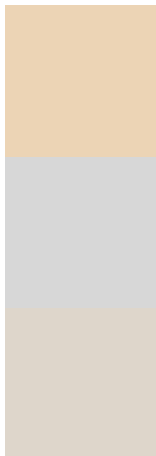
Original Color
86, 18.732, 78.947

Protanomaly
86, 17.817, 88.458

Deuteranomaly
86, 19.465, 66.091

Tritanomaly
86, 11.562, 22.796

Monochromacy



Original Color
86, 18.732, 78.947

Achromatopsia
86, 0.010, 296.813

Achromatomaly
86, 6.451, 82.324

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 18.732, 78.947 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(236, 212, 181)` looks like.

```
.text, #text, p{  
    color:rgb(236, 212, 181)  
}
```

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(236, 212, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 212, 181) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 18.732, 78.947 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(236, 212, 181) }
```

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

```
.border{ border-color:rgb(236, 212, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 212, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 212, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 212, 181); box-shadow:4px 4px 4px 4px rgb(236, 212, 181) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 18.732, 78.947 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 212, 181) }
```

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

```
.background{ background-color: rgb(236,  
212, 181) }
```

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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