

Converting Colors

CIELCh(86, 14.475, 92.127)

Have a look what the booklet for
CIELCh(86, 14.475, 92.127) contains.

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Color

CIELCh(86, 14.208, 91.852)

Conversions

Conversions Part 1

Format	Color
Hex	E1D6BC
RGB	225, 214, 188
RGB Percent	88%, 84%, 74%
CMY	0.1162, 0.1594, 0.2614
CMYK	0.00, 0.05, 0.16, 0.12
HSL	42°, 38%, 81%
HSV	42°, 16%, 88%
XYZ	64.4175, 67.9871, 57.5029
YIQ	214.3250, 14.9020, -5.7540

Conversions

Conversions Part 2

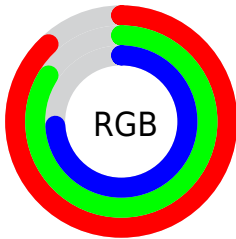
Format	Color
R _Y B	204, 225, 188
Decimal	14800572
CIE Lab	86.00, -0.46, 14.20
CIE LCh	86, 14.208, 91.852
Yxy	67.9871, 0.3392, 0.3580
Android (android.graphics.Color)	4292990652 (0xFFE1D6BC)
YUV	214.3250, -12.9782, 9.3620
Hunter-Lab	82.4543, -4.8418, 16.3697

Details

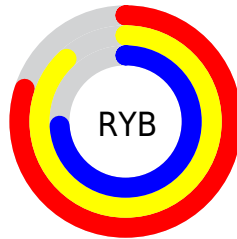
The CIELCh color **86, 14.208, 91.852** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **80, 14.259, 276.151**, and the grayscale version is **86, 0.010, 296.813**.

A 20% lighter version of the original color is **100, 5.566, 109.748**, and **66, 13.981, 90.067** is the 20% darker color. If you saturate the color by 10%, you get **84, 23.050, 90.576**, and if you desaturate by 10%, it is **88, 5.504, 93.084**.

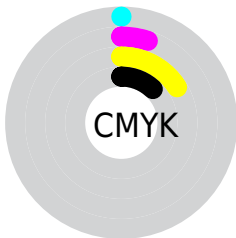
Distribution



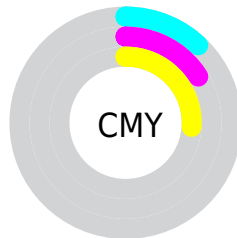
- Red (88%)
- Green (84%)
- Blue (74%)



- Red (80%)
- Yellow (88%)
- Blue (74%)



- Cyan (0%)
- Magenta (5%)
- Yellow (16%)
- Black (12%)



- Cyan (12%)
- Magenta (16%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 86, 14.208, 91.852 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, 14.208, 91.852 by changing the saturation by 10% instead.

■ 86, 14.208, 91.852

■ 86, 14.208, 91.852

■ 100, 14.208,
91.852

■ 76, 14.208, 91.852

■ 66, 14.208, 91.852

■ 56, 14.208, 91.852

■ 46, 14.208, 91.852

■ 36, 14.208, 91.852

■ 26, 14.208, 91.852

■ 16, 14.208, 91.852

■ 6, 14.208, 91.852

■ 0, 14.208, 91.852

86, 14.208, 91.852

86, 14.208, 91.852

84, 23.050, 90.576

88, 5.504, 93.084

82, 31.987, 89.249

90, 3.053, 274.408

80, 40.941, 87.883

93, 10.984,
274.746

78, 49.754, 86.474

94, 8.809, 253.336

76, 58.133, 85.003

96, 8.382, 225.005

74, 65.581, 83.423

98, 9.898, 200.174

72, 71.346, 81.638

98, 10.052,
198.837

71, 74.631, 79.500

70, 75.441, 78.685

Harmonies

Complementary

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



86, 14.208, 91.852



80, 14.259, 276.151

Rectangle

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



86, 14.208, 91.852



86, 14.208, 141.852



86, 14.208, 271.852



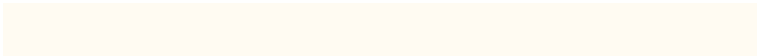
86, 14.208, 321.852

Sweetspot

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



86, 14.209, 91.861



99, 4.728, 93.242



80, 15.010, 357.572



53, 3.228, 93.163



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, 14.209, 91.861



95, 19.188, 91.390



88, 19.379, 116.872



46, 4.864, 92.726



56, 62.753, 79.142



14, 21.330, 82.162

Inverse Universe

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



80, 14.259, 276.151



87, 19.264, 276.735



78, 20.070, 299.231



44, 4.881, 275.146



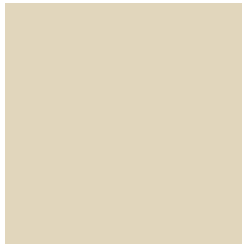
28, 77.966, 298.369



5, 25.028, 288.126

Previews

White Background



This preview shows how the CIELCh color 86, 14.208, 91.852 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, 14.208, 91.852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

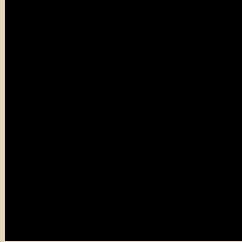
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

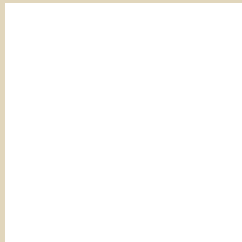
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 86, 14.208, 91.852

Background



This preview shows how black text looks on a background with the CIELCh color 86, 14.208, 91.852.

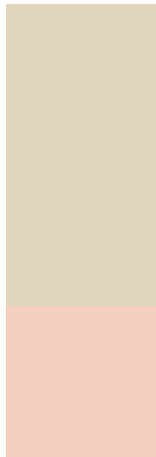


This preview shows how white text looks on a background with the CIELCh color 86, 14.208, 91.852.

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, 14.208, 91.852

Protanopia

86, 14.208, 91.852

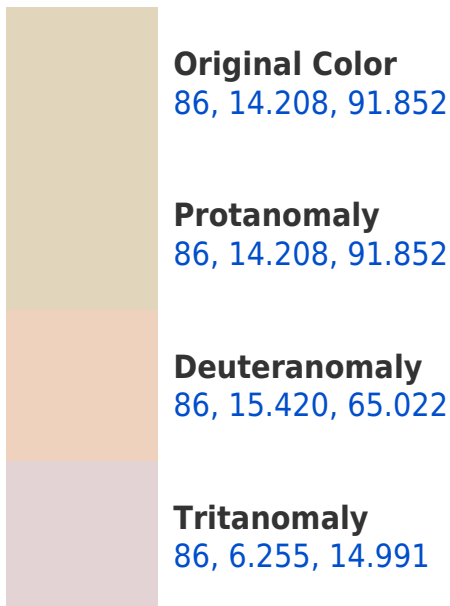
Deuteranopia

86, 17.205, 51.171



Tritanopia
86, 11.328, 332.454

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to CIELCh 86, 14.208, 91.852 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(225, 214, 188)` looks like.

```
.text, #text, p{  
    color:rgb(225, 214, 188)  
}
```

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(225, 214, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 214, 188) }
```

Border

The CSS property to change the border of an element to CIELCh 86, 14.208, 91.852 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(225, 214, 188) }
```

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

```
.border{ border-color:rgb(225, 214, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 214, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(225, 214, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(225, 214, 188); box-shadow:4px 4px 4px 4px rgb(225, 214, 188) }
```

Background

The CSS property to change the background color of an element to CIELCh 86, 14.208, 91.852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 214, 188) }
```

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

```
.background{ background-color: rgb(225,  
214, 188) }
```

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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