

Converting Colors

CIELCh(82, 14.774, 50.533)

Have a look what the booklet for
CIELCh(82, 14.774, 50.533) contains.

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Color

CIELCh(82, 14.794, 50.005)

Conversions

Conversions Part 1

Format	Color
Hex	E6C5B7
RGB	230, 197, 183
RGB Percent	90%, 77%, 72%
CMY	0.0973, 0.2267, 0.2816
CMYK	0.00, 0.14, 0.20, 0.10
HSL	18°, 49%, 81%
HSV	18°, 20%, 90%
XYZ	61.2696, 60.2982, 53.3092
YIQ	205.2710, 24.1620, 2.6420

Conversions

Conversions Part 2

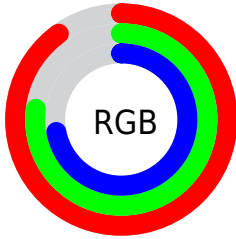
Format	Color
R _Y B	230, 203, 183
Decimal	15123895
CIE Lab	82.00, 9.51, 11.33
CIE LCh	82, 14.794, 50.005
Yxy	60.2982, 0.3504, 0.3448
Android (android.graphics.Color)	4293313975 (0xFFE6C5B7)
YUV	205.2710, -10.9796, 21.6873
Hunter-Lab	77.6519, 4.9508, 13.6529

Details

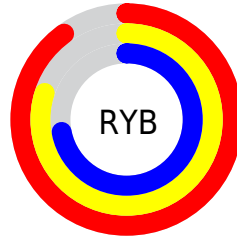
The CIELCh color **82, 14.794, 50.005** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84, 13.137, 233.106**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 7.603, 106.901**, and **62, 14.852, 49.508** is the 20% darker color. If you saturate the color by 10%, you get **78, 22.916, 49.524**, and if you desaturate by 10%, it is **87, 7.265, 50.561**.

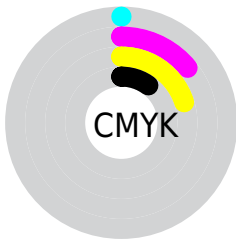
Distribution



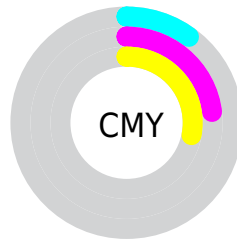
- Red (90%)
- Green (77%)
- Blue (72%)



- Red (90%)
- Yellow (80%)
- Blue (72%)



- Cyan (0%)
- Magenta (14%)
- Yellow (20%)
- Black (10%)



- Cyan (10%)
- Magenta (23%)
- Yellow (28%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 14.794, 50.005 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 82, 14.794, 50.005 by changing the saturation by 10% instead.

 82, 14.794, 50.005

 82, 14.794, 50.005

 100, 14.794,
50.005

 72, 14.794, 50.005

 62, 14.794, 50.005

 52, 14.794, 50.005

 42, 14.794, 50.005

 32, 14.794, 50.005

 22, 14.794, 50.005

 12, 14.794, 50.005

 2, 14.794, 50.005

 0, 14.794, 50.005

82, 14.794, 50.005

82, 14.794, 50.005

78, 22.916, 49.524

87, 7.265, 50.561

73, 31.673, 49.127

91, 0.279, 49.262

69, 41.071, 48.848

96, 6.222, 232.051

65, 51.057, 48.692

98, 8.457, 198.949

62, 61.452, 48.624

58, 71.813, 48.509

55, 81.156, 48.002

53, 88.063, 46.866

Harmonies

Complementary

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



82, 14.794, 50.005



84, 13.137, 233.106

Rectangle

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



82, 14.794, 50.005



82, 14.794, 100.005



82, 14.794, 230.005



82, 14.794, 280.005

Sweetspot

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



82, 14.793, 50.016



97, 4.469, 50.778



80, 24.708, 335.026



51, 2.972, 50.750



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



82, 14.793, 50.016



88, 20.043, 49.774



88, 19.514, 96.979



46, 3.935, 50.612



41, 72.357, 47.412



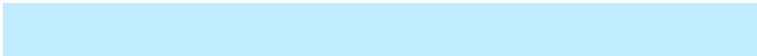
9, 22.306, 40.482

Inverse Universe

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



84, 13.137, 233.106



91, 17.257, 233.646



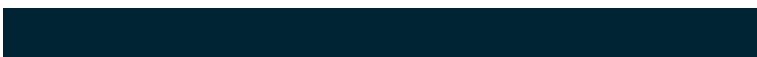
79, 19.905, 282.105



46, 3.739, 232.099



49, 37.306, 255.597



13, 14.714, 246.542

Previews

White Background



This preview shows how the CIELCh color 82, 14.794, 50.005 looks on a white background.

Color Contrast Check

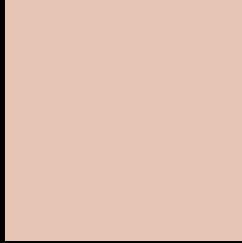
Large Text (above 18pt) WCAG AA × Fail

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 82, 14.794, 50.005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

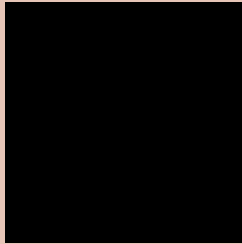
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 14.794, 50.005

Background



This preview shows how black text looks on a background with the CIELCh color 82, 14.794, 50.005.



This preview shows how white text looks on a background with the CIELCh color 82, 14.794, 50.005.

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

82, 14.794, 50.005

Protanopia

82, 9.588, 88.524

Deuteranopia

82, 15.140, 49.278



Tritanopia
82, 16.762, 352.621

Trichromacy



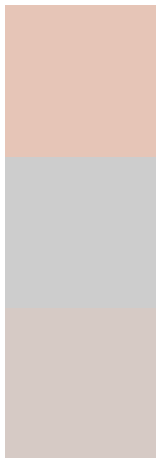
Original Color
82, 14.794, 50.005

Protanomaly
82, 10.898, 70.295

Deuteranomaly
82, 15.140, 49.278

Tritanomaly
82, 14.049, 11.897

Monochromacy



Original Color
82, 14.794, 50.005

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 5.173, 50.228

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 14.794, 50.005 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(230, 197, 183)` looks like.

```
.text, #text, p{  
    color:rgb(230, 197, 183)  
}
```

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(230, 197, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 197, 183) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 14.794, 50.005 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(230, 197, 183) }
```

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

```
.border{ border-color:rgb(230, 197, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 197, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 197, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 197, 183);  
box-shadow:4px 4px 4px 4px rgb(230, 197,  
183) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 14.794, 50.005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 197, 183) }
```

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

```
.background{ background-color: rgb(230,  
197, 183) }
```

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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