

Converting Colors

CIELCh(82, 14.266, 57.209)

Have a look what the booklet for
CIELCh(82, 14.266, 57.209) contains.

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Color

CIELCh(82, 14.081, 56.714)

Conversions

Conversions Part 1

Format	Color
Hex	E3C6B6
RGB	227, 198, 182
RGB Percent	89%, 78%, 71%
CMY	0.1086, 0.2223, 0.2851
CMYK	0.00, 0.13, 0.20, 0.11
HSL	21°, 45%, 80%
HSV	21°, 20%, 89%
XYZ	60.5150, 60.2982, 52.8668
YIQ	204.8470, 22.4200, 1.1720

Conversions

Conversions Part 2

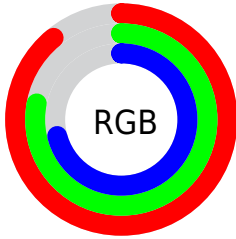
Format	Color
R _Y B	227, 207, 182
Decimal	14927542
CIE Lab	82.00, 7.73, 11.77
CIE LCh	82, 14.081, 56.714
Yxy	60.2982, 0.3484, 0.3472
Android (android.graphics.Color)	4293117622 (0xFFE3C6B6)
YUV	204.8470, -11.2636, 19.4282
Hunter-Lab	77.6519, 3.2162, 13.9906

Details

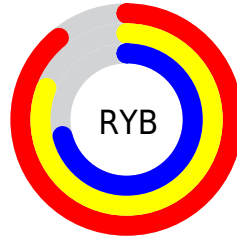
The CIELCh color $82, 14.081, 56.714$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $83, 12.748, 240.671$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $100, 8.605, 109.524$, and $62, 14.068, 56.555$ is the 20% darker color. If you saturate the color by 10%, you get $78, 21.961, 55.941$, and if you desaturate by 10%, it is $86, 6.731, 57.530$.

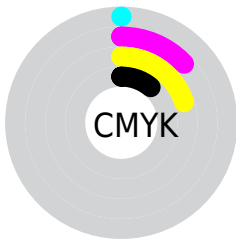
Distribution



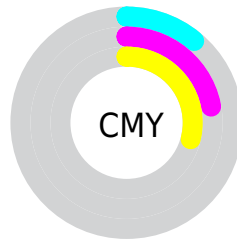
- Red (89%)
- Green (78%)
- Blue (71%)



- Red (89%)
- Yellow (81%)
- Blue (71%)



- Cyan (0%)
- Magenta (13%)
- Yellow (20%)
- Black (11%)



- Cyan (11%)
- Magenta (22%)
- Yellow (29%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 14.081, 56.714 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, 14.081, 56.714 by changing the saturation by 10% instead.

 82, 14.081, 56.714

 82, 14.081, 56.714

 100, 14.081,
56.714

 72, 14.081, 56.714

 62, 14.081, 56.714

 52, 14.081, 56.714

 42, 14.081, 56.714

 32, 14.081, 56.714

 22, 14.081, 56.714

 12, 14.081, 56.714

 2, 14.081, 56.714

 0, 14.081, 56.714

82, 14.081, 56.714

82, 14.081, 56.714

78, 21.961, 55.941

86, 6.731, 57.530

74, 30.407, 55.212

90, 0.137, 242.288

70, 39.427, 54.556

95, 6.573, 239.453

66, 48.970, 53.969

98, 9.411, 198.881

63, 58.864, 53.410

60, 68.687, 52.750

57, 77.536, 51.680

54, 84.351, 49.913

54, 84.483, 49.885

Harmonies

Complementary

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



82, 14.081, 56.714



83, 12.748, 240.671

Rectangle

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



82, 14.081, 56.714



82, 14.081, 106.714



82, 14.081, 236.714



82, 14.081, 286.714

Sweetspot

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



82, 14.081, 56.725



97, 4.463, 57.807



79, 22.634, 337.843



52, 2.967, 57.762



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, 14.081, 56.725



89, 19.024, 56.379



88, 20.021, 101.053



46, 3.925, 57.557



43, 70.113, 50.472



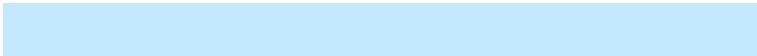
10, 21.661, 45.623

Inverse Universe

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



83, 12.748, 240.671



90, 16.805, 241.276



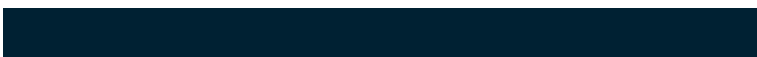
77, 20.617, 285.743



46, 3.757, 239.468



46, 41.248, 265.610



11, 15.726, 256.136

Previews

White Background



This preview shows how the CIELCh color 82, 14.081, 56.714 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, 14.081, 56.714 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

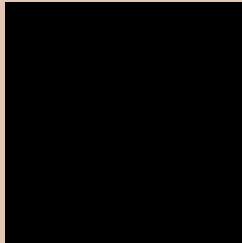
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 14.081, 56.714

Background



This preview shows how black text looks on a background with the CIELCh color 82, 14.081, 56.714.



This preview shows how white text looks on a background with the CIELCh color 82, 14.081, 56.714.

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





Tritanopia
82, 15.771, 350.568

Trichromacy



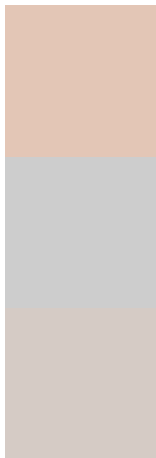
Original Color
82, 14.081, 56.714

Protanomaly
82, 11.088, 73.474

Deuteranomaly
82, 14.794, 50.005

Tritanomaly
82, 12.850, 13.343

Monochromacy



Original Color
82, 14.081, 56.714

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 4.866, 60.045

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 14.081, 56.714 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(227, 198, 182)` looks like.

```
.text, #text, p{  
    color:rgb(227, 198, 182)  
}
```

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(227, 198, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 198, 182) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 14.081, 56.714 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(227, 198, 182) }
```

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

```
.border{ border-color:rgb(227, 198, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 198, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 198, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 198, 182); box-shadow:4px 4px 4px 4px rgb(227, 198, 182) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 14.081, 56.714 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 198, 182) }
```

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

```
.background{ background-color: rgb(227,  
198, 182) }
```

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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