

Converting Colors

CIELCh(82, 18.092, 59.796)

Have a look what the booklet for
CIELCh(82, 18.092, 59.796) contains.

CIELCh(82, 18.092, 59.796)	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(82, 18.092, 59.796)

Conversions

Conversions Part 1

Format	Color
Hex	E8C5AF
RGB	232, 197, 175
RGB Percent	91%, 77%, 69%
CMY	0.0895, 0.2268, 0.3131
CMYK	0.00, 0.15, 0.25, 0.09
HSL	23°, 56%, 80%
HSV	23°, 25%, 91%
XYZ	61.0967, 60.2982, 49.0624
YIQ	204.9570, 27.9220, 0.5780

Conversions

Conversions Part 2

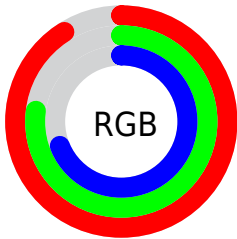
Format	Color
R _Y B	232, 211, 175
Decimal	15254959
CIE _{Lab}	82.00, 9.10, 15.64
CIE _{LCh}	82, 18.092, 59.796
Yxy	60.2982, 0.3584, 0.3537
Android (android.graphics.Color)	4293445039 (0xFFE8C5AF)
YUV	204.9570, -14.7688, 23.7167
Hunter-Lab	77.6519, 4.5533, 16.8954

Details

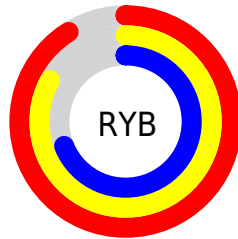
The CIELCh color **82, 18.092, 59.796** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82, 16.131, 245.335**, and the grayscale version is **82, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 11.652, 107.514**, and **62, 18.007, 58.380** is the 20% darker color. If you saturate the color by 10%, you get **78, 26.335, 58.904**, and if you desaturate by 10%, it is **86, 10.374, 60.733**.

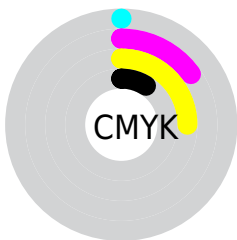
Distribution



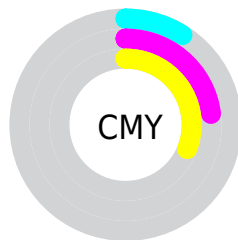
- Red (91%)
- Green (77%)
- Blue (69%)



- Red (91%)
- Yellow (83%)
- Blue (69%)



- Cyan (0%)
- Magenta (15%)
- Yellow (25%)
- Black (9%)



- Cyan (9%)
- Magenta (23%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 18.092, 59.796 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, 18.092, 59.796 by changing the saturation by 10% instead.

 82, 18.092, 59.796

 82, 18.092, 59.796

 100, 18.092,
59.796


 72, 18.092, 59.796

 62, 18.092, 59.796

 52, 18.092, 59.796

 42, 18.092, 59.796

 32, 18.092, 59.796

 22, 18.092, 59.796

 12, 18.092, 59.796

 2, 18.092, 59.796

 0, 18.092, 59.796

82, 18.092, 59.796

82, 18.092, 59.796

78, 26.335, 58.904

86, 10.374, 60.733

74, 35.124, 58.049

90, 3.140, 61.593

70, 44.439, 57.244

94, 3.656, 242.876

67, 54.173, 56.467

98, 7.524, 202.145

64, 64.042, 55.642

98, 7.795, 198.997

61, 73.406, 54.566

58, 81.069, 52.833

57, 84.427, 51.667

Harmonies

Complementary

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



82, 18.092, 59.796



82, 16.131, 245.335

Rectangle

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



82, 18.092, 59.796



82, 18.092, 109.796



82, 18.092, 239.796



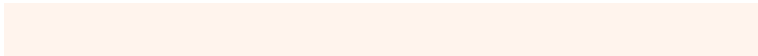
82, 18.092, 289.796

Sweetspot

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



82, 18.092, 59.805



97, 5.252, 61.408



78, 27.962, 339.798



51, 3.420, 61.357



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, 18.092, 59.805



87, 23.414, 59.386



89, 26.103, 102.328



47, 4.016, 61.198



45, 69.703, 52.288



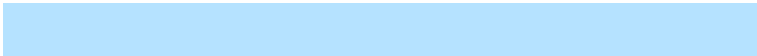
11, 22.656, 49.169

Inverse Universe

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



82, 16.131, 245.335



88, 20.373, 246.103



75, 27.241, 288.125



47, 3.860, 243.298



45, 44.254, 270.291



12, 17.029, 261.351

Previews

White Background



This preview shows how the CIELCh color 82, 18.092, 59.796 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, 18.092, 59.796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

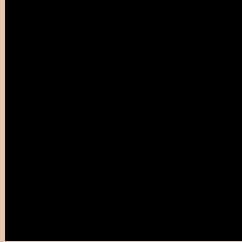
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 18.092, 59.796

Background



This preview shows how black text looks on a background with the CIELCh color 82, 18.092, 59.796.

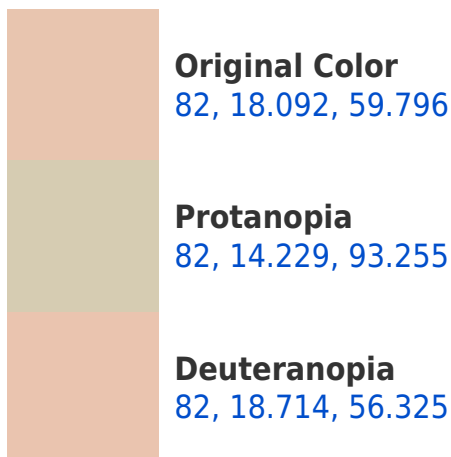


This preview shows how white text looks on a background with the CIELCh color 82, 18.092, 59.796.

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](#).

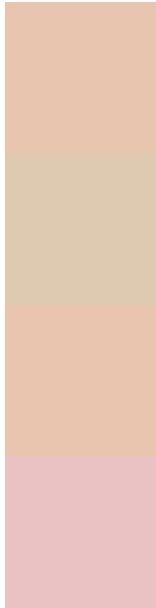
Dichromacy





Tritanopia
82, 18.111, 355.034

Trichromacy



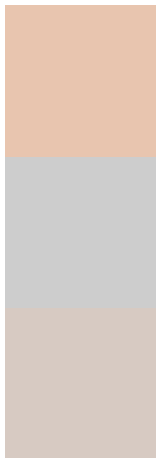
Original Color
82, 18.092, 59.796

Protanomaly
82, 15.127, 79.844

Deuteranomaly
82, 18.390, 57.050

Tritanomaly
82, 15.546, 18.678

Monochromacy



Original Color
82, 18.092, 59.796

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 6.431, 60.569

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 18.092, 59.796 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(232, 197, 175)` looks like.

```
.text, #text, p{  
    color:rgb(232, 197, 175)  
}
```

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(232, 197, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 197, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 18.092, 59.796 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(232, 197, 175) }
```

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

```
.border{ border-color:rgb(232, 197, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 197, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 197, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 197, 175);  
box-shadow:4px 4px 4px 4px rgb(232, 197,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 18.092, 59.796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 197, 175) }
```

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

```
.background{ background-color: rgb(232,  
197, 175) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor