

Converting Colors

CIELCh(82, 19.730, 48.754)

Have a look what the booklet for
CIELCh(82, 19.730, 48.754) contains.

CIELCh(82, 19.485, 49.425)	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, 19.485, 49.425)

Conversions

Conversions Part 1

Format	Color
Hex	EEC3B1
RGB	238, 195, 177
RGB Percent	93%, 76%, 69%
CMY	0.0672, 0.2358, 0.3064
CMYK	0.00, 0.18, 0.26, 0.07
HSL	18°, 64%, 81%
HSV	18°, 26%, 93%
XYZ	62.6266, 60.2982, 49.8692
YIQ	205.8050, 31.4060, 3.5180

Conversions

Conversions Part 2

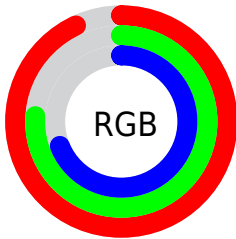
Format	Color
R _Y B	238, 203, 177
Decimal	15647665
CIE Lab	82.00, 12.67, 14.80
CIE LCh	82, 19.485, 49.425
Yxy	60.2982, 0.3624, 0.3490
Android (android.graphics.Color)	4293837745 (0xFFEEC3B1)
YUV	205.8050, -14.2009, 28.2350
Hunter-Lab	77.6519, 8.0702, 16.2794

Details

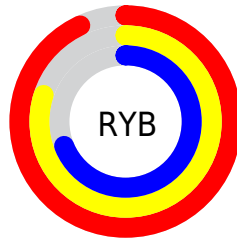
The CIELCh color **82, 19.485, 49.425** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85, 16.700, 233.331**, and the grayscale version is **83, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 9.689, 103.024**, and **62, 19.555, 49.528** is the 20% darker color. If you saturate the color by 10%, you get **77, 28.176, 49.003**, and if you desaturate by 10%, it is **87, 11.431, 49.945**.

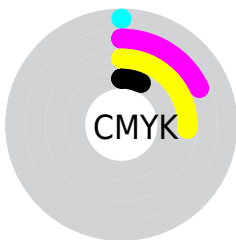
Distribution



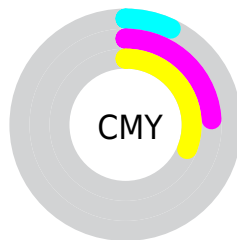
- Red (93%)
- Green (76%)
- Blue (69%)



- Red (93%)
- Yellow (80%)
- Blue (69%)



- Cyan (0%)
- Magenta (18%)
- Yellow (26%)
- Black (7%)



- Cyan (7%)
- Magenta (24%)
- Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 19.485, 49.425 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, 19.485, 49.425 by changing the saturation by 10% instead.

 82, 19.485, 49.425

 82, 19.485, 49.425

 100, 19.485,
49.425

 72, 19.485, 49.425

 62, 19.485, 49.425

 52, 19.485, 49.425

 42, 19.485, 49.425

 32, 19.485, 49.425

 22, 19.485, 49.425

 12, 19.485, 49.425

 2, 19.485, 49.425

 0, 19.485, 49.425

82, 19.485, 49.425

82, 19.485, 49.425

77, 28.176, 49.003

87, 11.431, 49.945

73, 37.532, 48.684

91, 3.967, 50.452

69, 47.532, 48.492

96, 2.965, 231.445

65, 58.064, 48.416

99, 5.884, 199.145

62, 68.824, 48.377

58, 79.099, 48.145

56, 87.463, 47.206

55, 90.467, 46.676

Harmonies

Complementary

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



82, 19.485, 49.425



85, 16.700, 233.331

Rectangle

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



82, 19.485, 49.425



82, 19.485, 99.425



82, 19.485, 229.425



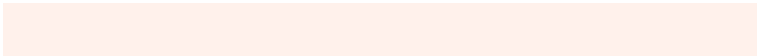
82, 19.485, 279.425

Sweetspot

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



82, 19.484, 49.434



96, 6.008, 50.347



79, 31.892, 335.423



51, 4.294, 50.271



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, 19.484, 49.434



85, 25.469, 49.186



89, 25.207, 96.339



48, 4.081, 50.274



42, 74.053, 47.212



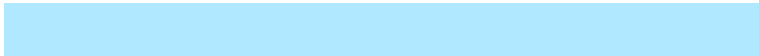
11, 24.888, 41.755

Inverse Universe

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



85, 16.700, 233.331



89, 21.019, 234.047



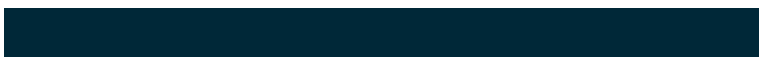
77, 25.860, 282.955



48, 3.875, 231.744



51, 37.965, 255.183



14, 15.677, 247.082

Previews

White Background



This preview shows how the CIELCh color 82, 19.485, 49.425 looks on a white background.

Color Contrast Check

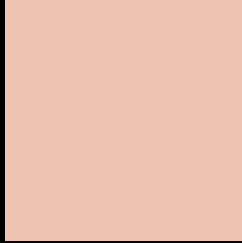
Large Text (above 18pt) WCAG AA × Fail

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, 19.485, 49.425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

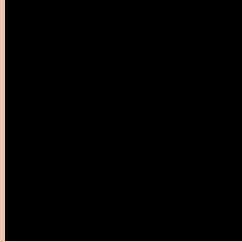
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 19.485, 49.425

Background



This preview shows how black text looks on a background with the CIELCh color 82, 19.485, 49.425.

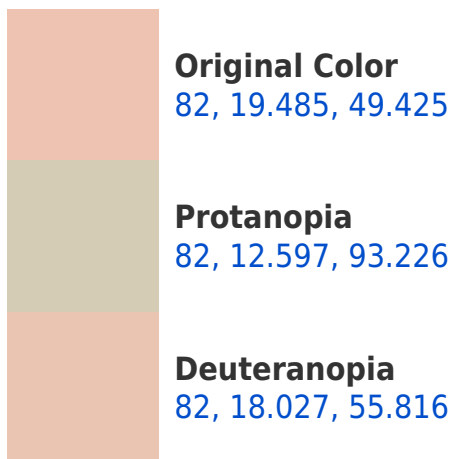


This preview shows how white text looks on a background with the CIELCh color 82, 19.485, 49.425.

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](#).

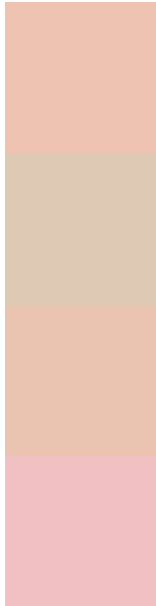
Dichromacy





Tritanopia
82, 20.017, 359.503

Trichromacy



Original Color
82, 19.485, 49.425

Protanomaly
82, 13.758, 73.063

Deuteranomaly
82, 18.385, 53.142

Tritanomaly
82, 18.291, 15.935

Monochromacy



Original Color
82, 19.485, 49.425

Achromatopsia
83, 0.010, 296.813

Achromatomaly
82, 7.032, 51.319

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 19.485, 49.425 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(238, 195, 177)` looks like.

```
.text, #text, p{  
    color:rgb(238, 195, 177)  
}
```

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(238, 195, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 195, 177) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 19.485, 49.425 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(238, 195, 177) }
```

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

```
.border{ border-color:rgb(238, 195, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 195, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(238, 195, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(238, 195, 177); box-shadow:4px 4px 4px 4px rgb(238, 195, 177) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 19.485, 49.425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 195, 177) }
```

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

```
.background{ background-color: rgb(238,  
195, 177) }
```

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