

Converting Colors

CIELCh(82, 18.218, 76.075)

Have a look what the booklet for
CIELCh(82, 18.218, 76.075) contains.

CIELCh(82, 18.250, 76.239)	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, 18.250, 76.239)

Conversions

Conversions Part 1

Format	Color
Hex	E1C8AB
RGB	225, 200, 171
RGB Percent	88%, 78%, 67%
CMY	0.1174, 0.2154, 0.3292
CMYK	0.00, 0.11, 0.24, 0.12
HSL	32°, 47%, 78%
HSV	32°, 24%, 88%
XYZ	59.0968, 60.2982, 47.0830
YIQ	204.1690, 24.2090, -3.7190

Conversions

Conversions Part 2

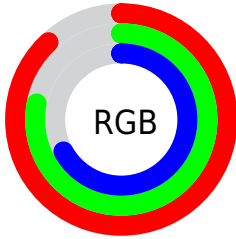
Format	Color
RYB	218, 225, 171
Decimal	14796971
CIELab	82.00, 4.34, 17.73
CIELCh	82, 18.250, 76.239
Yxy	60.2982, 0.3550, 0.3622
Android (android.graphics.Color)	4292987051 (0xFFE1C8AB)
YUV	204.1690, -16.3523, 18.2688
Hunter-Lab	77.6519, -0.0438, 18.4068

Details

The CIELCh color $82, 18.250, 76.239$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $78, 17.361, 262.974$, and the grayscale version is $82, 0.010, 296.813$.

A 20% lighter version of the original color is $99, 14.673, 109.069$, and $62, 18.042, 75.877$ is the 20% darker color. If you saturate the color by 10%, you get $79, 26.393, 74.932$, and if you desaturate by 10%, it is $85, 10.427, 77.530$.

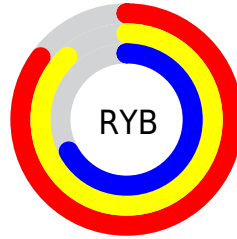
Distribution



Red (88%)

Green (78%)

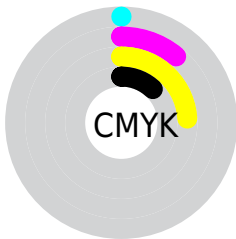
Blue (67%)



Red (85%)

Yellow (88%)

Blue (67%)

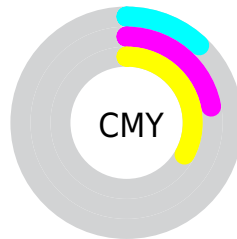


Cyan (0%)

Magenta (11%)

Yellow (24%)

Black (12%)



Cyan (12%)

Magenta (22%)

Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 18.250, 76.239 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, 18.250, 76.239 by changing the saturation by 10% instead.

 82, 18.250, 76.239

 82, 18.250, 76.239

 100, 18.250,
76.239

 72, 18.250, 76.239

 62, 18.250, 76.239

 52, 18.250, 76.239

 42, 18.250, 76.239

 32, 18.250, 76.239

 22, 18.250, 76.239

 12, 18.250, 76.239

 2, 18.250, 76.239

 0, 18.250, 76.239

82, 18.250, 76.239

82, 18.250, 76.239

79, 26.393, 74.932

85, 10.427, 77.530

76, 34.840, 73.590

88, 2.912, 78.707

73, 43.530, 72.216

91, 4.318, 260.151

70, 52.303, 70.782

95, 8.754, 250.527

68, 60.819, 69.217

97, 9.267, 207.952

65, 68.431, 67.361

98, 10.151,
198.830

63, 74.143, 64.932

61, 76.660, 63.223

Harmonies

Complementary

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



82, 18.250, 76.239



78, 17.361, 262.974

Rectangle

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



82, 18.250, 76.239



82, 18.250, 126.239



82, 18.250, 256.239



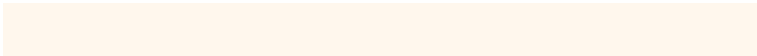
82, 18.250, 306.239

Sweetspot

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



82, 18.251, 76.248



98, 5.688, 78.378



76, 24.191, 347.721



52, 3.701, 78.307



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, 18.251, 76.248



90, 24.673, 75.566



88, 27.862, 109.288



46, 4.181, 78.094



49, 63.619, 63.877



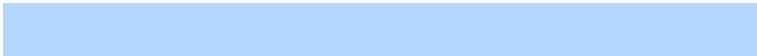
12, 19.713, 64.433

Inverse Universe

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



78, 17.361, 262.974



85, 23.185, 263.968



72, 29.486, 294.137



45, 4.112, 260.640



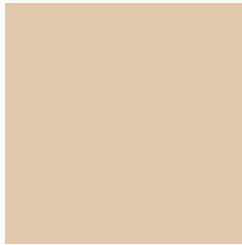
36, 58.613, 287.337



7, 20.163, 278.241

Previews

White Background



This preview shows how the CIELCh color 82, 18.250, 76.239 looks on a white background.

Color Contrast Check

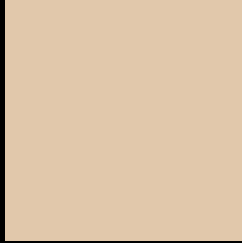
Large Text (above 18pt) WCAG AA × Fail

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, 18.250, 76.239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

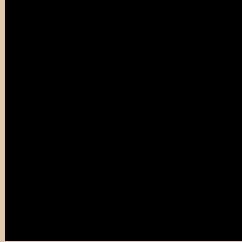
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 82, 18.250, 76.239

Background



This preview shows how black text looks on a background with the CIELCh color 82, 18.250, 76.239.



This preview shows how white text looks on a background with the CIELCh color 82, 18.250, 76.239.

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, 18.250, 76.239

Protanopia

82, 16.879, 94.052

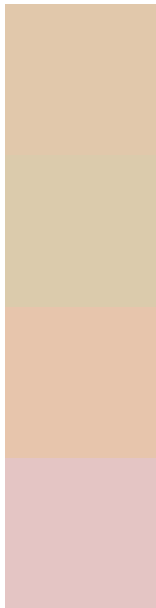
Deuteranopia

82, 20.092, 59.024



Tritanopia
82, 15.120, 349.063

Trichromacy



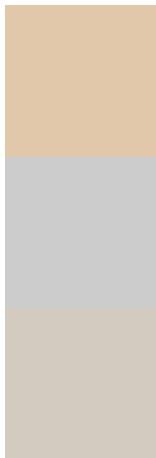
Original Color
82, 18.250, 76.239

Protanomaly
82, 17.505, 87.809

Deuteranomaly
82, 18.926, 63.954

Tritanomaly
82, 11.694, 22.840

Monochromacy



Original Color
82, 18.250, 76.239

Achromatopsia
82, 0.010, 296.813

Achromatomaly
82, 6.699, 79.398

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 18.250, 76.239 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, 200, 171)` looks like.

```
.text, #text, p{  
    color:rgb(225, 200, 171)  
}
```

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, 200, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 200, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 18.250, 76.239 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, 200, 171) }
```

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

```
.border{ border-color:rgb(225, 200, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 200, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 200, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 200, 171);  
box-shadow:4px 4px 4px 4px rgb(225, 200,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 18.250, 76.239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 200, 171) }
```

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

```
.background{ background-color: rgb(225,  
200, 171) }
```

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