

Converting Colors

CIELCh(82, 23.742, 47.288)

Have a look what the booklet for
CIELCh(82, 23.742, 47.288) contains.

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Color

CIELCh(82, 23.739, 46.940)

Conversions

Conversions Part 1

Format	Color
Hex	F5C0AC
RGB	245, 192, 172
RGB Percent	96%, 75%, 67%
CMY	0.0379, 0.2458, 0.3243
CMYK	0.00, 0.22, 0.30, 0.04
HSL	16°, 79%, 82%
HSV	16°, 30%, 96%
XYZ	64.1652, 60.2982, 47.4403
YIQ	205.5670, 38.0080, 5.0160

Conversions

Conversions Part 2

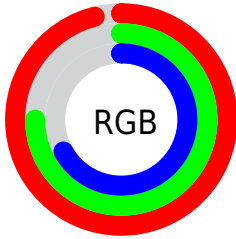
Format	Color
R _Y B	245, 200, 172
Decimal	16105644
CIE _{Lab}	82.00, 16.21, 17.34
CIE _{LCh}	82, 23.739, 46.940
Yxy	60.2982, 0.3733, 0.3508
Android (android.graphics.Color)	4294295724 (0xFFF5C0AC)
YUV	205.5670, -16.5485, 34.5827
Hunter-Lab	77.6519, 11.6069, 18.1340

Details

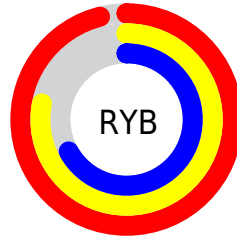
The CIELCh color $82, 23.739, 46.940$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $87, 19.629, 230.943$, and the grayscale version is $83, 0.010, 296.813$.

A 20% lighter version of the original color is $98, 11.379, 98.242$, and $62, 23.879, 45.814$ is the 20% darker color. If you saturate the color by 10%, you get $77, 33.024, 46.690$, and if you desaturate by 10%, it is $87, 15.141, 47.314$.

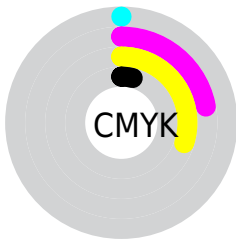
Distribution



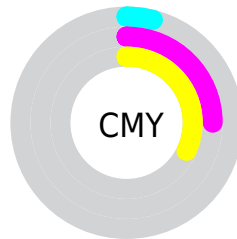
- Red (96%)
- Green (75%)
- Blue (67%)



- Red (96%)
- Yellow (78%)
- Blue (67%)



- Cyan (0%)
- Magenta (22%)
- Yellow (30%)
- Black (4%)



- Cyan (4%)
- Magenta (25%)
- Yellow (32%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 82, 23.739, 46.940 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, 23.739, 46.940 by changing the saturation by 10% instead.

 82, 23.739, 46.940

 82, 23.739, 46.940

 100, 23.739,
46.940

 72, 23.739, 46.940

 62, 23.739, 46.940

 52, 23.739, 46.940

 42, 23.739, 46.940

 32, 23.739, 46.940

 22, 23.739, 46.940

 12, 23.739, 46.940

 2, 23.739, 46.940

 0, 23.739, 46.940

82, 23.739, 46.940

82, 23.739, 46.940

77, 33.024, 46.690

87, 15.141, 47.314

73, 43.009, 46.571

92, 7.190, 47.743

69, 53.639, 46.602

97, 0.171, 231.904

65, 64.731, 46.754

99, 3.344, 199.391

61, 75.829, 46.901

58, 85.908, 46.694

56, 93.519, 45.713

56, 93.687, 45.697

Harmonies

Complementary

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



82, 23.739, 46.940



87, 19.629, 230.943

Rectangle

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



82, 23.739, 46.940



82, 23.739, 96.940



82, 23.739, 226.940



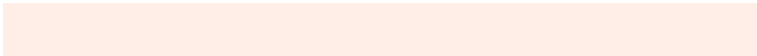
82, 23.739, 276.940

Sweetspot

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



82, 23.738, 46.947



95, 6.818, 47.774



79, 38.385, 335.055



50, 4.765, 47.713



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, 23.738, 46.947



82, 30.391, 46.770



91, 29.569, 94.716



49, 4.173, 47.755



43, 75.674, 46.224



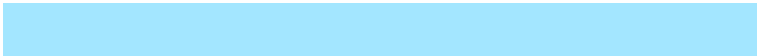
11, 26.424, 40.783

Inverse Universe

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



87, 19.629, 230.943



88, 23.973, 231.785



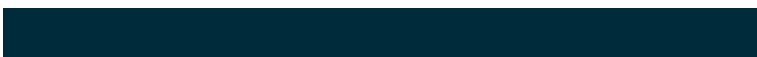
77, 30.351, 282.678



49, 3.953, 229.050



53, 37.212, 251.146



16, 15.857, 243.724

Previews

White Background



This preview shows how the CIELCh color 82, 23.739, 46.940 looks on a white background.

Color Contrast Check

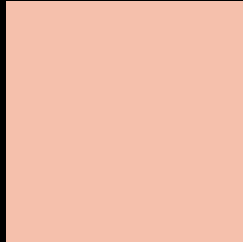
Large Text (above 18pt) WCAG AA × Fail

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, 23.739, 46.940 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, 23.739, 46.940

Background



This preview shows how black text looks on a background with the CIELCh color 82, 23.739, 46.940.

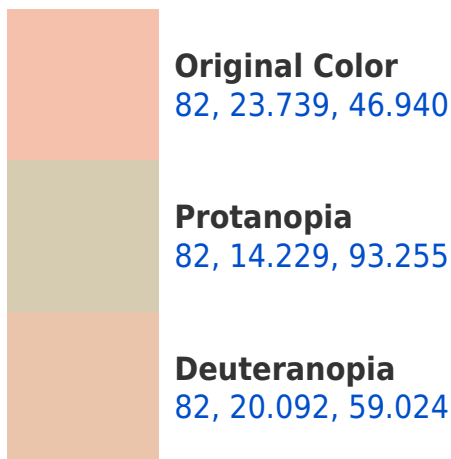


This preview shows how white text looks on a background with the CIELCh color 82, 23.739, 46.940.

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](#).

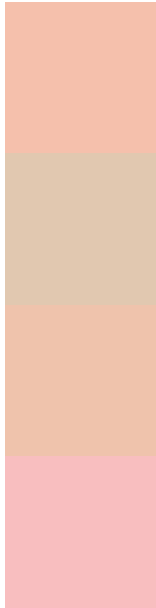
Dichromacy





Tritanopia
82, 24.023, 3.658

Trichromacy



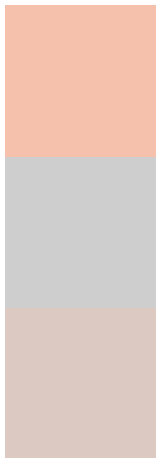
Original Color
82, 23.739, 46.940

Protanomaly
82, 16.033, 71.624

Deuteranomaly
82, 21.401, 54.683

Tritanomaly
82, 22.277, 19.851

Monochromacy



Original Color
82, 23.739, 46.940

Achromatopsia
83, 0.010, 296.813

Achromatomaly
82, 8.039, 47.095

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 82, 23.739, 46.940 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(245, 192, 172)` looks like.

```
.text, #text, p{  
    color:rgb(245, 192, 172)  
}
```

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(245, 192, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 192, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 82, 23.739, 46.940 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(245, 192, 172) }
```

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

```
.border{ border-color:rgb(245, 192, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 192, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 192, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 192, 172);  
box-shadow:4px 4px 4px 4px rgb(245, 192,  
172) }
```

Background

The CSS property to change the background color of an element to CIELCh 82, 23.739, 46.940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 192, 172) }
```

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

```
.background{ background-color: rgb(245,  
192, 172) }
```

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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