

Converting Colors

CIELCh(77, 14.473, 48.542)

Have a look what the booklet for
CIELCh(77, 14.473, 48.542) contains.

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Color

CIELCh(77, 14.481, 46.448)

Conversions

Conversions Part 1

Format	Color
Hex	D8B7AB
RGB	216, 183, 171
RGB Percent	85%, 72%, 67%
CMY	0.1521, 0.2815, 0.3286
CMYK	0.00, 0.15, 0.21, 0.15
HSL	16°, 37%, 76%
HSV	16°, 21%, 85%
XYZ	52.7285, 51.5317, 45.7971
YIQ	191.4990, 23.5200, 3.2640

Conversions

Conversions Part 2

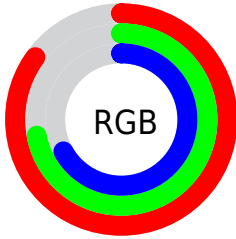
Format	Color
R _{YB}	216, 187, 171
Decimal	14202795
CIE Lab	77.00, 9.98, 10.50
CIE LCh	77, 14.481, 46.448
Yxy	51.5317, 0.3514, 0.3434
Android (android.graphics.Color)	4292392875 (0xFFD8B7AB)
YUV	191.4990, -10.1060, 21.4874
Hunter-Lab	71.7856, 5.4883, 12.4247

Details

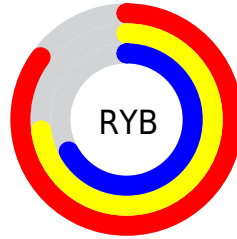
The CIELCh color **77, 14.481, 46.448** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80, 12.744, 228.984**, and the grayscale version is **78, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 8.838, 68.258**, and **57, 14.574, 45.765** is the 20% darker color. If you saturate the color by 10%, you get **73, 22.317, 46.143**, and if you desaturate by 10%, it is **81, 7.232, 46.845**.

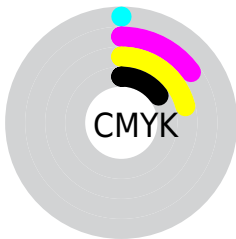
Distribution



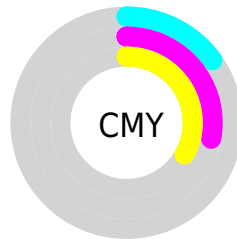
- Red (85%)
- Green (72%)
- Blue (67%)



- Red (85%)
- Yellow (73%)
- Blue (67%)



- Cyan (0%)
- Magenta (15%)
- Yellow (21%)
- Black (15%)



- Cyan (15%)
- Magenta (28%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 14.481, 46.448 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 77, 14.481, 46.448 by changing the saturation by 10% instead.

 77, 14.481, 46.448

 77, 14.481, 46.448

 100, 14.481,
46.448

 67, 14.481, 46.448

 97, 14.481, 46.448

 57, 14.481, 46.448

 47, 14.481, 46.448

 37, 14.481, 46.448

 27, 14.481, 46.448

 17, 14.481, 46.448

 7, 14.481, 46.448

 0, 14.481, 46.448

 77, 14.481, 46.448

 77, 14.481, 46.448

73, 22.317, 46.143

81, 7.232, 46.845

68, 30.779, 45.944

86, 0.523, 46.363

64, 39.871, 45.888

91, 5.703, 228.063

60, 49.538, 45.988

95, 10.969,
222.020

57, 59.605, 46.213

97, 13.023,
198.636

54, 69.648, 46.431

51, 78.716, 46.286

49, 85.259, 45.615

Harmonies

Complementary

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



77, 14.481, 46.448



80, 12.744, 228.984

Rectangle

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



77, 14.481, 46.448



77, 14.481, 96.448



77, 14.481, 226.448



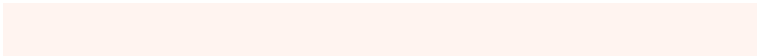
77, 14.481, 276.448

Sweetspot

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



77, 14.480, 46.458



97, 4.501, 47.012



75, 24.222, 334.375



51, 2.993, 46.993



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77, 14.480, 46.458



87, 20.236, 46.307



83, 18.599, 95.850



43, 3.745, 46.899



39, 71.108, 46.108



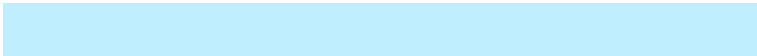
7, 18.688, 35.195

Inverse Universe

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



80, 12.744, 228.984



91, 17.274, 229.414



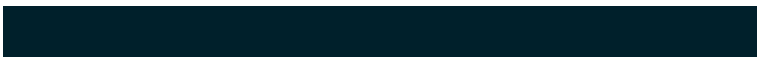
74, 18.921, 281.132



44, 3.549, 228.118



49, 34.510, 249.360



11, 12.894, 239.223

Previews

White Background



This preview shows how the CIELCh color 77, 14.481, 46.448 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 77, 14.481, 46.448 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

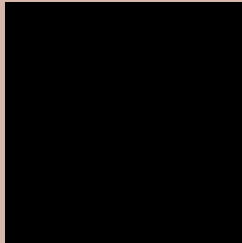
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 77, 14.481, 46.448

Background



This preview shows how black text looks on a background with the CIELCh color 77, 14.481, 46.448.

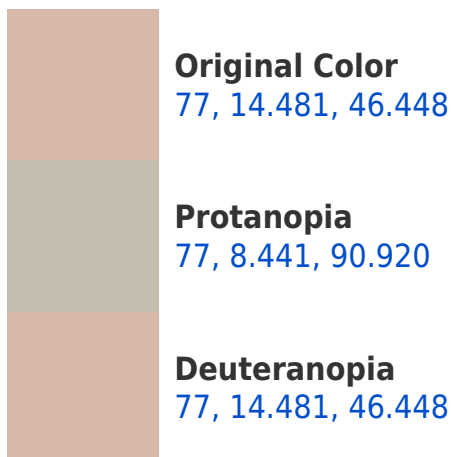



This preview shows how white text looks on a background with the CIELCh color 77, 14.481, 46.448.

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
77, 16.408, 353.730

Trichromacy



Original Color
77, 14.481, 46.448

Protanomaly
77, 9.703, 69.964

Deuteranomaly
77, 14.481, 46.448

Tritanomaly
77, 14.319, 9.886

Monochromacy



Original Color
77, 14.481, 46.448

Achromatopsia
78, 0.009, 296.813

Achromatomaly
77, 5.244, 50.205

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 14.481, 46.448 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(216, 183, 171)` looks like.

```
.text, #text, p{  
    color:rgb(216, 183, 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(216, 183, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 183, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 14.481, 46.448 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(216, 183, 171) }
```

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

```
.border{ border-color:rgb(216, 183, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 183, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 183, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 183, 171);  
box-shadow:4px 4px 4px 4px rgb(216, 183,  
171) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 14.481, 46.448 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 183, 171) }
```

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

```
.background{ background-color: rgb(216,  
183, 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](#).

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