

Converting Colors

CIELCh(76, 14.032, 42.676)

Have a look what the booklet for
CIELCh(76, 14.032, 42.676) contains.

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Color

CIELCh(76, 14.032, 42.676)

Conversions

Conversions Part 1

Format	Color
Hex	D5B4AA
RGB	213, 180, 170
RGB Percent	84%, 71%, 67%
CMY	0.1634, 0.2928, 0.3321
CMYK	0.00, 0.15, 0.20, 0.16
HSL	14°, 34%, 75%
HSV	14°, 20%, 84%
XYZ	51.2140, 49.8872, 45.1214
YIQ	188.7270, 22.8780, 3.8860

Conversions

Conversions Part 2

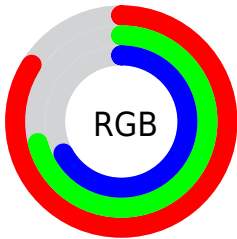
Format	Color
R _Y B	213, 183, 170
Decimal	14005418
CIE Lab	76.00, 10.32, 9.51
CIE LCh	76, 14.032, 42.676
Yxy	49.8872, 0.3502, 0.3412
Android (android.graphics.Color)	4292195498 (0xFFD5B4AA)
YUV	188.7270, -9.2324, 21.2874
Hunter-Lab	70.6309, 5.8252, 11.5652

Details

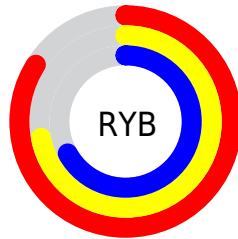
The CIELCh color **76, 14.032, 42.676** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **80, 12.333, 224.447**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 8.939, 58.684**, and **56, 14.114, 41.797** is the 20% darker color. If you saturate the color by 10%, you get **71, 21.874, 42.558**, and if you desaturate by 10%, it is **81, 6.790, 42.900**.

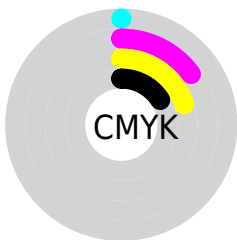
Distribution



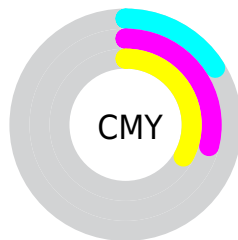
- Red (84%)
- Green (71%)
- Blue (67%)



- Red (84%)
- Yellow (72%)
- Blue (67%)



- Cyan (0%)
- Magenta (15%)
- Yellow (20%)
- Black (16%)



- Cyan (16%)
- Magenta (29%)
- Yellow (33%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 14.032, 42.676 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 76, 14.032, 42.676 by changing the saturation by 10% instead.

 76, 14.032, 42.676

 76, 14.032, 42.676

 100, 14.032,
42.676

 66, 14.032, 42.676

 96, 14.032, 42.676

 56, 14.032, 42.676

 46, 14.032, 42.676

 36, 14.032, 42.676

 26, 14.032, 42.676

 16, 14.032, 42.676

 6, 14.032, 42.676

 0, 14.032, 42.676

 76, 14.032, 42.676

 76, 14.032, 42.676

71, 21.874, 42.558

81, 6.790, 42.900

67, 30.353, 42.567

85, 0.102, 37.849

63, 39.472, 42.748

90, 6.090, 223.818

59, 49.176, 43.122

95, 11.722,
222.652

55, 59.297, 43.672

97, 13.941,
198.576

52, 69.434, 44.280

50, 78.678, 44.600

48, 85.782, 44.335

Harmonies

Complementary

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



76, 14.032, 42.676



80, 12.333, 224.447

Rectangle

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



76, 14.032, 42.676



76, 14.032, 92.676



76, 14.032, 222.676



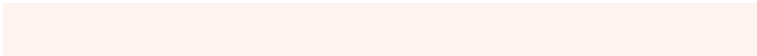
76, 14.032, 272.676

Sweetspot

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



76, 14.031, 42.686



97, 4.557, 42.973



74, 24.030, 332.403



51, 3.031, 42.965



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 14.031, 42.686



87, 19.628, 42.620



81, 16.962, 92.431



43, 3.793, 42.916



38, 72.304, 44.756



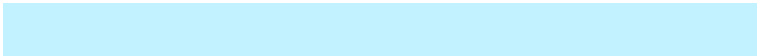
7, 19.055, 32.821

Inverse Universe

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



80, 12.333, 224.447



92, 16.755, 224.753



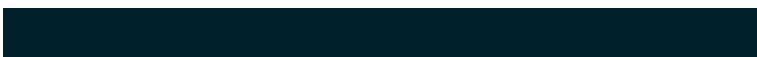
74, 17.080, 277.716



44, 3.584, 223.836



51, 33.262, 242.323



11, 12.705, 233.189

Previews

White Background



This preview shows how the CIELCh color 76, 14.032, 42.676 looks on a white background.

Color Contrast Check

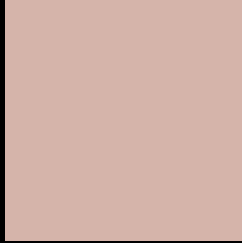
Large Text (above 18pt) WCAG AA × Fail

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 76, 14.032, 42.676 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

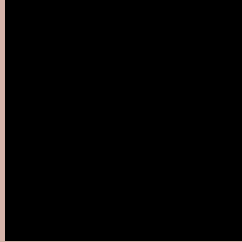
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 14.032, 42.676

Background



This preview shows how black text looks on a background with the CIELCh color 76, 14.032, 42.676.

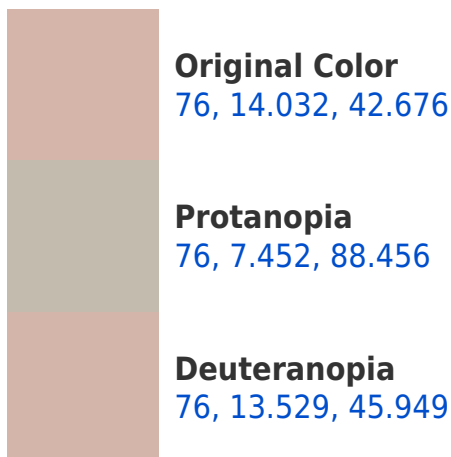


This preview shows how white text looks on a background with the CIELCh color 76, 14.032, 42.676.

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
76, 16.457, 353.756

Trichromacy



Original Color
76, 14.032, 42.676

Protanomaly
76, 8.914, 65.751

Deuteranomaly
76, 13.529, 45.949

Tritanomaly
76, 14.366, 9.911

Monochromacy



Original Color
76, 14.032, 42.676

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 5.003, 44.969

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 14.032, 42.676 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(213, 180, 170)` looks like.

```
.text, #text, p{  
    color:rgb(213, 180, 170)  
}
```

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(213, 180, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 180, 170) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 14.032, 42.676 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(213, 180, 170) }
```

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

```
.border{ border-color:rgb(213, 180, 170) }
```

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

Here you see how a box with a 4 pixel rgb(213, 180, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 180, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 180, 170);  
box-shadow:4px 4px 4px 4px rgb(213, 180,  
170) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 14.032, 42.676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 180, 170) }
```

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

```
.background{ background-color: rgb(213,  
180, 170) }
```

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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