

Converting Colors

CIELCh(76, 20.432, 15.093)

Have a look what the booklet for
CIELCh(76, 20.432, 15.093) contains.

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Color

CIELCh(76, 20.643, 15.292)

Conversions

Conversions Part 1

Format	Color
Hex	E3AEB2
RGB	227, 174, 178
RGB Percent	89%, 68%, 70%
CMY	0.1093, 0.3172, 0.3015
CMYK	0.00, 0.23, 0.22, 0.11
HSL	355°, 49%, 79%
HSV	355°, 23%, 89%
XYZ	54.9238, 49.8872, 48.9153
YIQ	190.3030, 30.3040, 12.4800

Conversions

Conversions Part 2

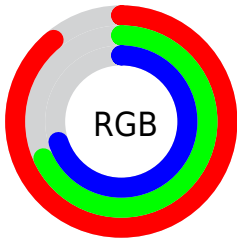
Format	Color
R _{YB}	227, 174, 178
Decimal	14921394
CIE Lab	76.00, 19.91, 5.44
CIE LCh	76, 20.643, 15.292
Yxy	49.8872, 0.3573, 0.3245
Android (android.graphics.Color)	4293111474 (0xFFE3AEB2)
YUV	190.3030, -6.0654, 32.1833
Hunter-Lab	70.6309, 15.2005, 8.3804

Details

The CIELCh color **76, 20.643, 15.292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **87, 18.061, 191.498**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 9.253, 7.184**, and **56, 20.888, 15.618** is the 20% darker color. If you saturate the color by 10%, you get **70, 30.431, 16.630**, and if you desaturate by 10%, it is **82, 11.403, 14.218**.

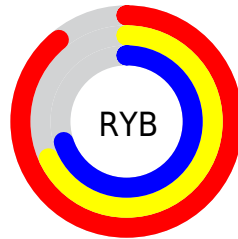
Distribution



Red (89%)

Green (68%)

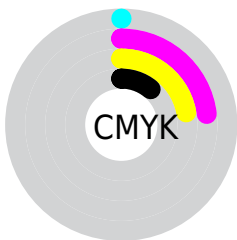
Blue (70%)



Red (89%)

Yellow (68%)

Blue (70%)

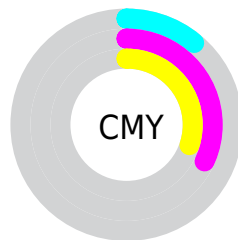


Cyan (0%)

Magenta (23%)

Yellow (22%)

Black (11%)



Cyan (11%)

Magenta (32%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 20.643, 15.292 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, 20.643, 15.292 by changing the saturation by 10% instead.

76, 20.643, 15.292

76, 20.643, 15.292

100, 20.643,
15.292

66, 20.643, 15.292

96, 20.643, 15.292

56, 20.643, 15.292

46, 20.643, 15.292

36, 20.643, 15.292

26, 20.643, 15.292

16, 20.643, 15.292

6, 20.643, 15.292

0, 20.643, 15.292

76, 20.643, 15.292

76, 20.643, 15.292

70, 30.431, 16.630

82, 11.403, 14.218

65, 40.663, 18.317

88, 2.756, 13.198

60, 51.132, 20.473

94, 5.308, 192.821

55, 61.535, 23.228

98, 9.473, 198.877

52, 71.514, 26.679

49, 80.700, 30.778

48, 88.586, 35.109

47, 92.734, 37.530

Harmonies

Complementary

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



76, 20.643, 15.292



87, 18.061, 191.498

Rectangle

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



76, 20.643, 15.292



76, 20.643, 65.292



76, 20.643, 195.292



76, 20.643, 245.292

Sweetspot

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



76, 20.641, 15.298



95, 6.433, 13.611



77, 33.198, 323.331



50, 4.189, 13.670



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, 20.641, 15.298



81, 27.634, 15.906



81, 16.911, 63.395



45, 4.832, 13.843



37, 76.856, 36.913



6, 26.878, 18.642

Inverse Universe

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



76, 20.641, 15.298



81, 27.634, 15.906



81, 15.358, 249.041



45, 4.832, 13.843



37, 76.856, 36.913



6, 26.878, 18.642

Previews

White Background



This preview shows how the CIELCh color 76, 20.643, 15.292 looks on a white background.

Color Contrast Check

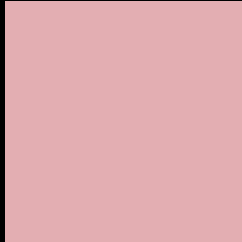
Large Text (above 18pt) WCAG AA × Fail

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, 20.643, 15.292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

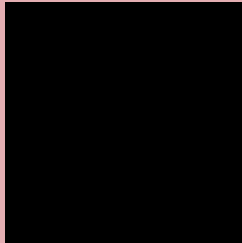
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 20.643, 15.292

Background



This preview shows how black text looks on a background with the CIELCh color 76, 20.643, 15.292.

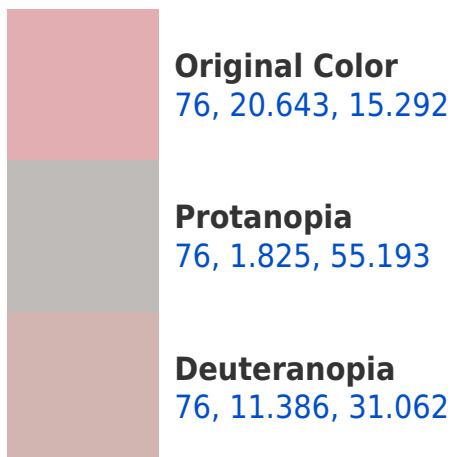


This preview shows how white text looks on a background with the CIELCh color 76, 20.643, 15.292.

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, 22.047, 3.087

Trichromacy



Original Color
76, 20.643, 15.292

Protanomaly
76, 8.353, 20.035

Deuteranomaly
76, 14.708, 22.681

Tritanomaly
76, 21.729, 7.171

Monochromacy



Original Color
76, 20.643, 15.292

Achromatopsia
77, 0.009, 296.813

Achromatomaly
76, 7.236, 11.435

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 20.643, 15.292 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(227, 174, 178)` looks like.

```
.text, #text, p{  
    color:rgb(227, 174, 178)  
}
```

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(227, 174, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 174, 178) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 20.643, 15.292 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(227, 174, 178) }
```

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

```
.border{ border-color:rgb(227, 174, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 174, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 174, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 174, 178);  
box-shadow:4px 4px 4px 4px rgb(227, 174,  
178) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 20.643, 15.292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 174, 178) }
```

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

```
.background{ background-color: rgb(227,  
174, 178) }
```

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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