

Converting Colors

CIELCh(76, 26.042, 15.278)

Have a look what the booklet for
CIELCh(76, 26.042, 15.278) contains.

CIELCh(76, 26.304, 14.832)	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(76, 26.304, 14.832)

Conversions

Conversions Part 1

Format	Color
Hex	EDAAB0
RGB	237, 170, 176
RGB Percent	93%, 67%, 69%
CMY	0.0706, 0.3333, 0.3098
CMYK	0.00, 0.28, 0.26, 0.07
HSL	355°, 65%, 80%
HSV	355°, 28%, 93%
XYZ	57.1349, 49.8872, 47.6907
YIQ	190.7170, 38.0060, 16.0700

Conversions

Conversions Part 2

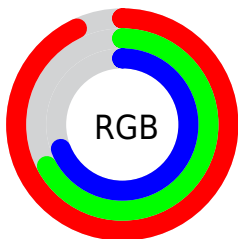
Format	Color
R _Y B	237, 170, 176
Decimal	15575728
CIE Lab	76.00, 25.43, 6.73
CIE LCh	76, 26.304, 14.832
Yxy	49.8872, 0.3693, 0.3225
Android (android.graphics.Color)	4293765808 (0xFFEDAAB0)
YUV	190.7170, -7.2555, 40.5902
Hunter-Lab	70.6309, 20.7886, 9.4084

Details

The CIELCh color **76, 26.304, 14.832** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **89, 22.416, 189.883**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 10.940, 3.768**, and **56, 26.502, 14.068** is the 20% darker color. If you saturate the color by 10%, you get **70, 36.640, 16.356**, and if you desaturate by 10%, it is **82, 16.464, 13.619**.

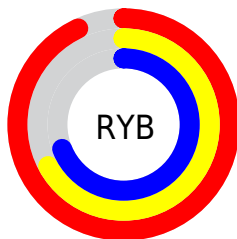
Distribution



Red (93%)

Green (67%)

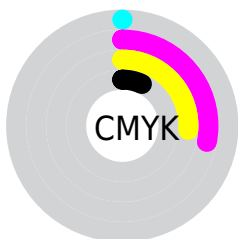
Blue (69%)



Red (93%)

Yellow (67%)

Blue (69%)

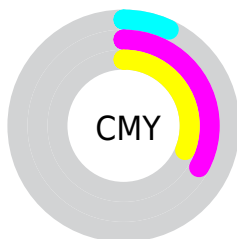


Cyan (0%)

Magenta (28%)

Yellow (26%)

Black (7%)



Cyan (7%)

Magenta (33%)

Yellow (31%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 26.304, 14.832 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, 26.304, 14.832 by changing the saturation by 10% instead.

 76, 26.304, 14.832

 76, 26.304, 14.832

 100, 26.304,
14.832

 66, 26.304, 14.832

 96, 26.304, 14.832

 56, 26.304, 14.832

 46, 26.304, 14.832

 36, 26.304, 14.832

 26, 26.304, 14.832

 16, 26.304, 14.832

 6, 26.304, 14.832

 0, 26.304, 14.832

 76, 26.304, 14.832

 76, 26.304, 14.832

70, 36.640, 16.356

82, 16.464, 13.619

65, 47.309, 18.284

88, 7.206, 12.597

60, 58.037, 20.749

95, 1.455, 192.301

56, 68.470, 23.879

99, 6.178, 199.121

53, 78.237, 27.734

51, 86.977, 32.148

50, 94.108, 36.436

50, 95.162, 37.027

Harmonies

Complementary

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



76, 26.304, 14.832



89, 22.416, 189.883

Rectangle

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



76, 26.304, 14.832



76, 26.304, 64.832



76, 26.304, 194.832



76, 26.304, 244.832

Sweetspot

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



76, 26.302, 14.837



95, 7.392, 12.574



77, 41.456, 323.084



50, 5.281, 12.722



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, 26.302, 14.837



78, 34.155, 15.685



82, 21.478, 61.025



46, 4.930, 12.714



38, 77.099, 36.303



7, 28.187, 19.061

Inverse Universe

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



76, 26.302, 14.837



78, 34.155, 15.685



82, 18.900, 247.773



46, 4.930, 12.714



38, 77.099, 36.303



7, 28.187, 19.061

Previews

White Background



This preview shows how the CIELCh color 76, 26.304, 14.832 looks on a white background.

Color Contrast Check

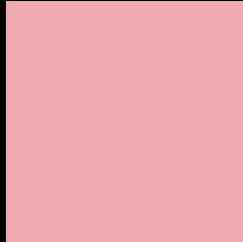
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 76, 26.304, 14.832 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

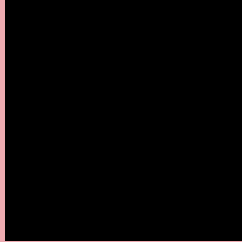
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 26.304, 14.832

Background



This preview shows how black text looks on a background with the CIELCh color 76, 26.304, 14.832.



This preview shows how white text looks on a background with the CIELCh color 76, 26.304, 14.832.

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

76, 26.304, 14.832

Protanopia

76, 2.141, 49.342

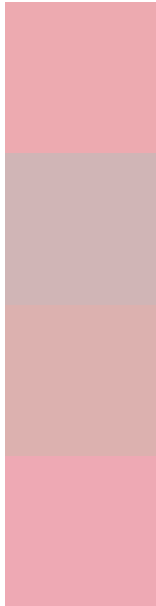
Deuteranopia

76, 12.248, 38.015



Tritanopia
76, 27.392, 7.351

Trichromacy



Original Color
76, 26.304, 14.832

Protanomaly
76, 10.296, 17.245

Deuteranomaly
76, 16.779, 24.416

Tritanomaly
76, 27.261, 9.555

Monochromacy



Original Color
76, 26.304, 14.832

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 9.585, 10.536

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 26.304, 14.832 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(237, 170, 176)` looks like.

```
.text, #text, p{  
    color:rgb(237, 170, 176)  
}
```

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(237, 170, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 170, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 26.304, 14.832 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(237, 170, 176) }
```

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

```
.border{ border-color:rgb(237, 170, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 170, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 170, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 170, 176);  
box-shadow:4px 4px 4px 4px rgb(237, 170,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 26.304, 14.832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 170, 176) }
```

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

```
.background{ background-color: rgb(237,  
170, 176) }
```

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