

Converting Colors

CIELCh(75, 17.571, 34.793)

Have a look what the booklet for
CIELCh(75, 17.571, 34.793) contains.

CIELCh(75, 17.571, 34.793)	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(75, 17.571, 34.793)

Conversions

Conversions Part 1

Format	Color
Hex	DAAFA7
RGB	218, 175, 167
RGB Percent	85%, 69%, 65%
CMY	0.1456, 0.3142, 0.3456
CMYK	0.00, 0.20, 0.23, 0.15
HSL	9°, 41%, 75%
HSV	9°, 23%, 85%
XYZ	51.1397, 48.2781, 43.1193
YIQ	186.9450, 28.1960, 6.6280

Conversions

Conversions Part 2

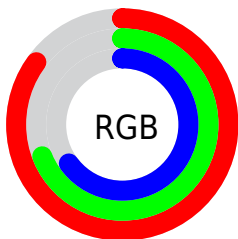
Format	Color
R _Y B	218, 176, 167
Decimal	14331815
CIE Lab	75.00, 14.43, 10.03
CIE LCh	75, 17.571, 34.793
Yxy	48.2781, 0.3588, 0.3387
Android (android.graphics.Color)	4292521895 (0xFFDAAFA7)
YUV	186.9450, -9.8329, 27.2352
Hunter-Lab	69.4824, 9.7833, 11.8436

Details

The CIELCh color **75, 17.571, 34.793** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **81, 14.958, 215.044**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 9.960, 47.453**, and **55, 17.576, 34.198** is the 20% darker color. If you saturate the color by 10%, you get **70, 26.150, 35.162**, and if you desaturate by 10%, it is **80, 9.650, 34.594**.

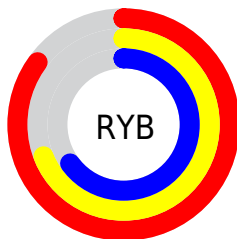
Distribution



Red (85%)

Green (69%)

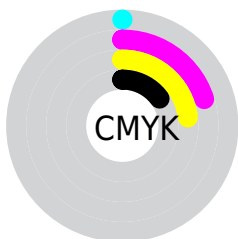
Blue (65%)



Red (85%)

Yellow (69%)

Blue (65%)

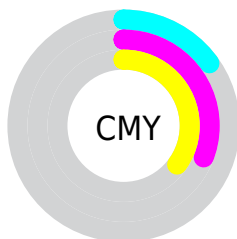


Cyan (0%)

Magenta (20%)

Yellow (23%)

Black (15%)



Cyan (15%)

Magenta (31%)

Yellow (35%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 17.571, 34.793 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 75, 17.571, 34.793 by changing the saturation by 10% instead.

 75, 17.571, 34.793

 75, 17.571, 34.793

 100, 17.571,
34.793

 65, 17.571, 34.793

 95, 17.571, 34.793

 55, 17.571, 34.793

 45, 17.571, 34.793

 35, 17.571, 34.793

 25, 17.571, 34.793

 15, 17.571, 34.793

 5, 17.571, 34.793

 0, 17.571, 34.793

 75, 17.571, 34.793

 75, 17.571, 34.793

70, 26.150, 35.162

80, 9.650, 34.594

65, 35.403, 35.734

85, 2.352, 34.355

61, 45.289, 36.568

90, 4.379, 214.787

57, 55.689, 37.699

96, 10.601,
214.828

53, 66.340, 39.106

97, 12.493,
198.671

50, 76.676, 40.613

48, 85.447, 41.691

47, 89.871, 42.107

Harmonies

Complementary

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



75, 17.571, 34.793



81, 14.958, 215.044

Rectangle

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



75, 17.571, 34.793



75, 17.571, 84.793



75, 17.571, 214.793



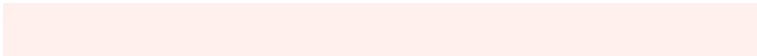
75, 17.571, 264.793

Sweetspot

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



75, 17.570, 34.801



96, 5.576, 34.492



74, 29.738, 330.256



51, 3.632, 34.504



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



75, 17.570, 34.801



84, 24.372, 34.953



81, 18.891, 86.758



43, 4.041, 34.534



37, 75.457, 42.414



7, 21.500, 28.689

Inverse Universe

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



81, 14.958, 215.044



93, 19.981, 215.221



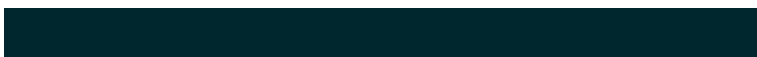
75, 18.701, 273.235



45, 3.804, 214.777



56, 32.616, 226.005



13, 13.192, 220.245

Previews

White Background



This preview shows how the CIELCh color 75, 17.571, 34.793 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 75, 17.571, 34.793 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

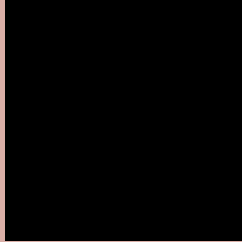
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 17.571, 34.793

Background



This preview shows how black text looks on a background with the CIELCh color 75, 17.571, 34.793.



This preview shows how white text looks on a background with the CIELCh color 75, 17.571, 34.793.

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

75, 17.571, 34.793

Protanopia

75, 6.973, 86.939

Deuteranopia

75, 14.209, 47.127



Tritanopia
75, 19.514, 0.277

Trichromacy



Original Color
75, 17.571, 34.793

Protanomaly
75, 9.768, 56.995

Deuteranomaly
75, 15.445, 42.805

Tritanomaly
75, 17.938, 12.413

Monochromacy



Original Color
75, 17.571, 34.793

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 5.906, 35.563

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 17.571, 34.793 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(218, 175, 167)` looks like.

```
.text, #text, p{  
    color:rgb(218, 175, 167)  
}
```

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(218, 175, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 175, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 17.571, 34.793 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(218, 175, 167) }
```

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

```
.border{ border-color:rgb(218, 175, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 175, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 175, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 175, 167);  
box-shadow:4px 4px 4px 4px rgb(218, 175,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 17.571, 34.793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 175, 167) }
```

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

```
.background{ background-color: rgb(218,  
175, 167) }
```

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