

Converting Colors

CIELCh(75, 14.918, 41.850)

Have a look what the booklet for
CIELCh(75, 14.918, 41.850) contains.

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Color

CIELCh(75, 14.835, 41.536)

Conversions

Conversions Part 1

Format	Color
Hex	D4B1A7
RGB	212, 177, 167
RGB Percent	83%, 69%, 65%
CMY	0.1683, 0.3055, 0.3448
CMYK	0.00, 0.17, 0.21, 0.17
HSL	13°, 34%, 74%
HSV	13°, 21%, 83%
XYZ	49.8955, 48.2781, 43.2863
YIQ	186.3250, 24.0700, 4.3100

Conversions

Conversions Part 2

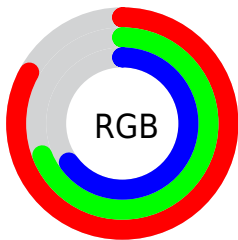
Format	Color
R _Y B	212, 180, 167
Decimal	13939111
CIE Lab	75.00, 11.10, 9.84
CIE LCh	75, 14.835, 41.536
Yxy	48.2781, 0.3527, 0.3413
Android (android.graphics.Color)	4292129191 (0xFFD4B1A7)
YUV	186.3250, -9.5272, 22.5170
Hunter-Lab	69.4824, 6.5870, 11.7011

Details

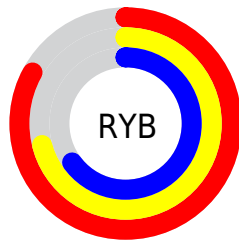
The CIELCh color $75, 14.835, 41.536$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $79, 12.922, 223.178$, and the grayscale version is $76, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 9.861, 54.619$, and $55, 15.007, 40.661$ is the 20% darker color. If you saturate the color by 10%, you get $70, 22.749, 41.490$, and if you desaturate by 10%, it is $80, 7.528, 41.701$.

Distribution



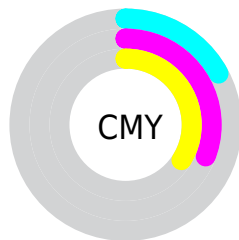
- Red (83%)
- Green (69%)
- Blue (65%)



- Red (83%)
- Yellow (71%)
- Blue (65%)



- Cyan (0%)
- Magenta (17%)
- Yellow (21%)
- Black (17%)



- Cyan (17%)
- Magenta (31%)
- Yellow (34%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 14.835, 41.536 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, 14.835, 41.536 by changing the saturation by 10% instead.

 75, 14.835, 41.536

 75, 14.835, 41.536

 100, 14.835,
41.536

 65, 14.835, 41.536

 95, 14.835, 41.536

 55, 14.835, 41.536

 45, 14.835, 41.536

 35, 14.835, 41.536

 25, 14.835, 41.536

 15, 14.835, 41.536

 5, 14.835, 41.536

 0, 14.835, 41.536

 75, 14.835, 41.536

 75, 14.835, 41.536

70, 22.749, 41.490

80, 7.528, 41.701

66, 31.305, 41.582

84, 0.784, 41.344

62, 40.498, 41.860

89, 5.454, 222.514

58, 50.261, 42.343

94, 11.242,
222.860

55, 60.409, 43.011

97, 14.341,
198.550

51, 70.503, 43.732

49, 79.561, 44.119

47, 85.792, 43.989

Harmonies

Complementary

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



75, 14.835, 41.536



79, 12.922, 223.178

Rectangle

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



75, 14.835, 41.536



75, 14.835, 91.536



75, 14.835, 221.536



75, 14.835, 271.536

Sweetspot

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



75, 14.834, 41.546



97, 4.578, 41.771



74, 25.174, 332.474



51, 3.045, 41.766



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, 14.834, 41.546



86, 20.638, 41.508



81, 17.779, 92.298



43, 3.811, 41.731



38, 72.650, 44.385



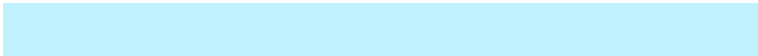
7, 19.166, 32.153

Inverse Universe

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



79, 12.922, 223.178



92, 17.455, 223.466



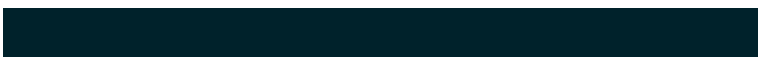
73, 17.908, 277.885



44, 3.599, 222.558



51, 32.980, 240.126



11, 12.674, 231.351

Previews

White Background



This preview shows how the CIELCh color 75, 14.835, 41.536 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 75, 14.835, 41.536 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

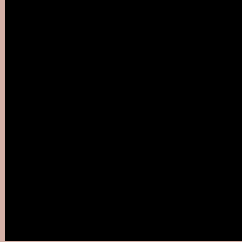
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 14.835, 41.536

Background



This preview shows how black text looks on a background with the CIELCh color 75, 14.835, 41.536.



This preview shows how white text looks on a background with the CIELCh color 75, 14.835, 41.536.

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, 14.835, 41.536

Protanopia

75, 7.475, 88.437

Deuteranopia

75, 13.580, 45.940



Tritanopia
75, 17.189, 355.034

Trichromacy



Original Color
75, 14.835, 41.536

Protanomaly
75, 9.150, 59.953

Deuteranomaly
75, 13.944, 45.245

Tritanomaly
75, 15.183, 10.565

Monochromacy



Original Color
75, 14.835, 41.536

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 5.019, 44.966

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 14.835, 41.536 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(212, 177, 167)` looks like.

```
.text, #text, p{  
    color:rgb(212, 177, 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(212, 177, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 177, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 14.835, 41.536 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(212, 177, 167) }
```

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

```
.border{ border-color:rgb(212, 177, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 177, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 177, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 177, 167);  
box-shadow:4px 4px 4px 4px rgb(212, 177,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 14.835, 41.536 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 177, 167) }
```

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

```
.background{ background-color: rgb(212,  
177, 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](#).

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