

Converting Colors

CIELCh(75, 19.014, 9.148)

Have a look what the booklet for
CIELCh(75, 19.014, 9.148) contains.

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Color

CIELCh(75, 19.299, 8.331)

Conversions

Conversions Part 1

Format	Color
Hex	DDACB4
RGB	221, 172, 180
RGB Percent	87%, 67%, 71%
CMY	0.1326, 0.3248, 0.2934
CMYK	0.00, 0.22, 0.19, 0.13
HSL	350°, 42%, 77%
HSV	350°, 22%, 87%
XYZ	52.9201, 48.2781, 49.8059
YIQ	187.5630, 26.6360, 12.8760

Conversions

Conversions Part 2

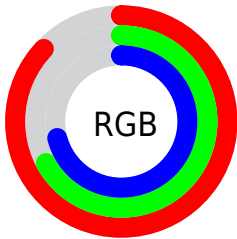
Format	Color
RYB	221, 172, 180
Decimal	14527668
CIELab	75.00, 19.10, 2.80
CIELCh	75, 19.299, 8.331
Yxy	48.2781, 0.3505, 0.3197
Android (android.graphics.Color)	4292717748 (0xFFDDACB4)
YUV	187.5630, -3.7286, 29.3242
Hunter-Lab	69.4824, 14.3572, 6.1379

Details

The CIELCh color **75, 19.299, 8.331** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **85, 17.450, 184.183**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 10.556, 357.190**, and **55, 19.421, 8.197** is the 20% darker color. If you saturate the color by 10%, you get **69, 28.712, 9.717**, and if you desaturate by 10%, it is **81, 10.298, 7.181**.

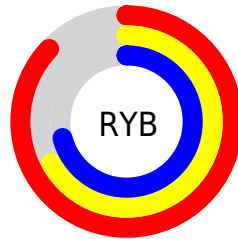
Distribution



Red (87%)

Green (67%)

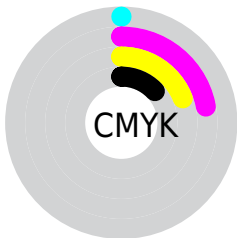
Blue (71%)



Red (87%)

Yellow (67%)

Blue (71%)

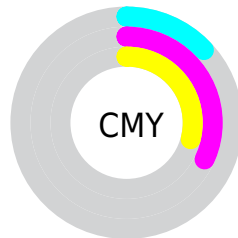


Cyan (0%)

Magenta (22%)

Yellow (19%)

Black (13%)



Cyan (13%)

Magenta (32%)

Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 19.299, 8.331 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, 19.299, 8.331 by changing the saturation by 10% instead.

 75, 19.299, 8.331  75, 19.299, 8.331

 100, 19.299, 8.331  65, 19.299, 8.331

 95, 19.299, 8.331  55, 19.299, 8.331

 45, 19.299, 8.331

 35, 19.299, 8.331

 25, 19.299, 8.331

 15, 19.299, 8.331

 5, 19.299, 8.331

 0, 19.299, 8.331

 75, 19.299, 8.331  75, 19.299, 8.331

69, 28.712, 9.717

81, 10.298, 7.181

64, 38.408, 11.417

87, 1.776, 5.971

59, 48.159, 13.548

93, 6.256, 185.568

55, 57.642, 16.250

98, 11.448,
196.739

51, 66.495, 19.669

98, 11.416,
198.744

49, 74.423, 23.893

47, 81.302, 28.818

46, 86.087, 32.731

Harmonies

Complementary

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



75, 19.299, 8.331



85, 17.450, 184.183

Rectangle

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



75, 19.299, 8.331



75, 19.299, 58.331



75, 19.299, 188.331



75, 19.299, 238.331

Sweetspot

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



75, 19.297, 8.336



95, 6.559, 6.637



75, 30.161, 320.804



50, 4.269, 6.702



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, 19.297, 8.336



82, 26.738, 9.001



79, 15.551, 53.974



43, 4.739, 6.890



36, 71.133, 31.818



5, 23.724, 13.215

Inverse Universe

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



75, 19.297, 8.336



82, 26.738, 9.001



81, 13.799, 238.027



43, 4.739, 6.890



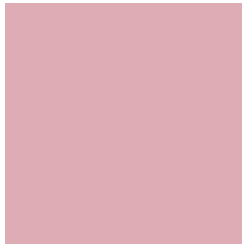
36, 71.133, 31.818



5, 23.724, 13.215

Previews

White Background



This preview shows how the CIELCh color 75, 19.299, 8.331 looks on a white background.

Color Contrast Check

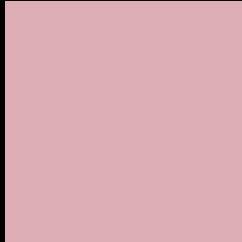
Large Text (above 18pt) WCAG AA × Fail

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, 19.299, 8.331 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

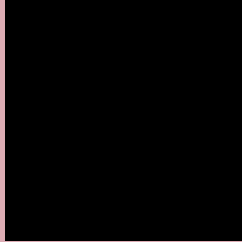
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 19.299, 8.331

Background



This preview shows how black text looks on a background with the CIELCh color 75, 19.299, 8.331.

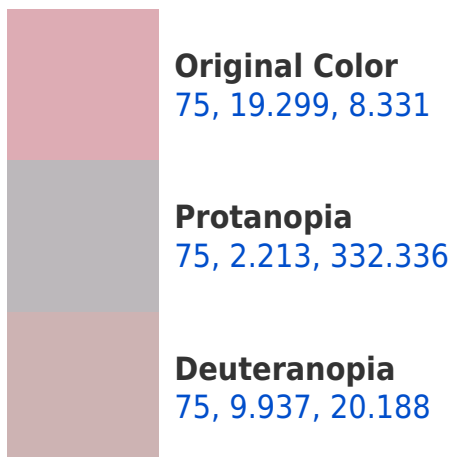


This preview shows how white text looks on a background with the CIELCh color 75, 19.299, 8.331.

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
75, 20.773, 0.161

Trichromacy



Original Color
75, 19.299, 8.331

Protanomaly
75, 8.001, 0.409

Deuteranomaly
75, 13.087, 15.805

Tritanomaly
75, 20.489, 3.012

Monochromacy



Original Color
75, 19.299, 8.331

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 6.968, 6.568

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 19.299, 8.331 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(221, 172, 180)` looks like.

```
.text, #text, p{  
    color:rgb(221, 172, 180)  
}
```

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(221, 172, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 172, 180) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 19.299, 8.331 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(221, 172, 180) }
```

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

```
.border{ border-color:rgb(221, 172, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 172, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 172, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 172, 180); box-shadow:4px 4px 4px 4px rgb(221, 172, 180) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 19.299, 8.331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 172, 180) }
```

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

```
.background{ background-color: rgb(221,  
172, 180) }
```

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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