

Converting Colors

CIELCh(75, 23.238, 58.832)

Have a look what the booklet for
CIELCh(75, 23.238, 58.832) contains.

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Color

CIELCh(75, 23.019, 59.108)

Conversions

Conversions Part 1

Format	Color
Hex	DBB095
RGB	219, 176, 149
RGB Percent	86%, 69%, 58%
CMY	0.1412, 0.3098, 0.4157
CMYK	0.00, 0.20, 0.32, 0.14
HSL	23°, 49%, 72%
HSV	23°, 32%, 86%
XYZ	50.1609, 48.2781, 35.1069
YIQ	185.7790, 34.2950, 0.7190

Conversions

Conversions Part 2

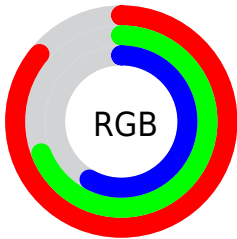
Format	Color
R _Y B	219, 193, 149
Decimal	14397589
CIE Lab	75.00, 11.82, 19.75
CIE LCh	75, 23.019, 59.108
Yxy	48.2781, 0.3756, 0.3615
Android (android.graphics.Color)	4292587669 (0xFFDDBB095)
YUV	185.7790, -18.1320, 29.1348
Hunter-Lab	69.4824, 7.2688, 18.6807

Details

The CIELCh color **75, 23.019, 59.108** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **76, 19.733, 246.558**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 17.288, 78.741**, and **55, 23.132, 58.370** is the 20% darker color. If you saturate the color by 10%, you get **71, 31.259, 58.251**, and if you desaturate by 10%, it is **79, 15.295, 60.022**.

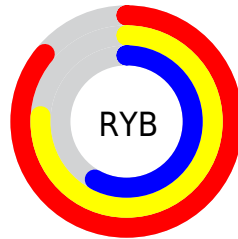
Distribution



Red (86%)

Green (69%)

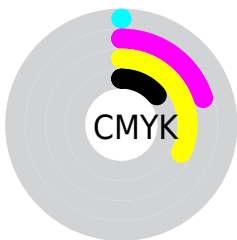
Blue (58%)



Red (86%)

Yellow (76%)

Blue (58%)

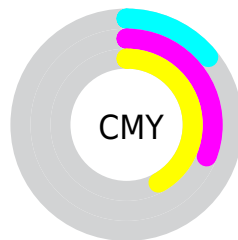


Cyan (0%)

Magenta (20%)

Yellow (32%)

Black (14%)



Cyan (14%)

Magenta (31%)

Yellow (42%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 23.019, 59.108 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, 23.019, 59.108 by changing the saturation by 10% instead.

 75, 23.019, 59.108

 75, 23.019, 59.108

 100, 23.019,
59.108

 65, 23.019, 59.108

 95, 23.019, 59.108

 55, 23.019, 59.108

 45, 23.019, 59.108

 35, 23.019, 59.108

 25, 23.019, 59.108

 15, 23.019, 59.108

 5, 23.019, 59.108

 0, 23.019, 59.108

 75, 23.019, 59.108

 75, 23.019, 59.108

71, 31.259, 58.251

79, 15.295, 60.022

68, 40.011, 57.437

83, 8.061, 60.946

64, 49.202, 56.661

87, 1.277, 61.598

61, 58.622, 55.867

91, 5.104, 243.053

58, 67.783, 54.900

95, 10.031,
236.163

55, 75.709, 53.419

98, 12.128,
198.696

53, 80.707, 51.783

Harmonies

Complementary

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



75, 23.019, 59.108



76, 19.733, 246.558

Rectangle

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



75, 23.019, 59.108



75, 23.019, 109.108



75, 23.019, 239.108



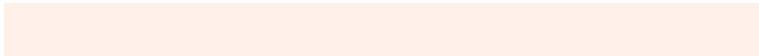
75, 23.019, 289.108

Sweetspot

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



75, 23.019, 59.115



96, 7.578, 61.116



70, 34.729, 340.465



50, 5.194, 60.988



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, 23.019, 59.115



83, 31.636, 58.559



84, 32.347, 101.520



44, 3.798, 61.174



43, 67.445, 52.396



9, 18.811, 47.042

Inverse Universe

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



76, 19.733, 246.558



84, 26.172, 247.814



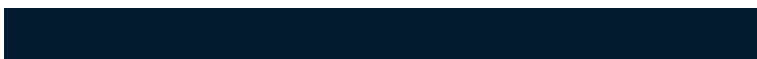
66, 34.278, 289.320



44, 3.651, 243.259



43, 42.735, 270.077



9, 15.169, 259.385

Previews

White Background



This preview shows how the CIELCh color 75, 23.019, 59.108 looks on a white background.

Color Contrast Check

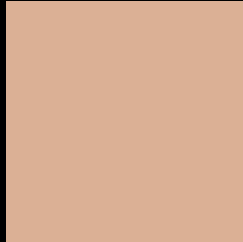
Large Text (above 18pt) WCAG AA × Fail

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, 23.019, 59.108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

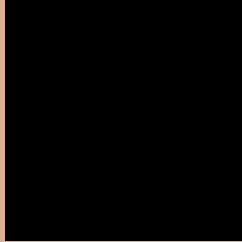
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 23.019, 59.108

Background



This preview shows how black text looks on a background with the CIELCh color 75, 23.019, 59.108.



This preview shows how white text looks on a background with the CIELCh color 75, 23.019, 59.108.

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, 23.019, 59.108

Protanopia

75, 17.210, 93.819

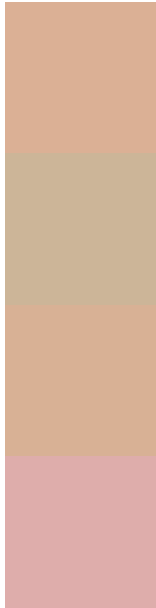
Deuteranopia

75, 21.873, 65.138



Tritanopia
75, 20.990, 1.978

Trichromacy



Original Color
75, 23.019, 59.108

Protanomaly
75, 18.194, 78.108

Deuteranomaly
75, 22.102, 62.751

Tritanomaly
75, 19.270, 24.193

Monochromacy



Original Color
75, 23.019, 59.108

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 7.826, 57.834

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 23.019, 59.108 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(219, 176, 149)` looks like.

```
.text, #text, p{  
    color:rgb(219, 176, 149)  
}
```

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(219, 176, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 176, 149) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 23.019, 59.108 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(219, 176, 149) }
```

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

```
.border{ border-color:rgb(219, 176, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 176, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 176, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 176, 149);  
box-shadow:4px 4px 4px 4px rgb(219, 176,  
149) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 23.019, 59.108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 176, 149) }
```

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

```
.background{ background-color: rgb(219,  
176, 149) }
```

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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