

Converting Colors

CIELCh(75, 18.772, 87.100)

Have a look what the booklet for
CIELCh(75, 18.772, 87.100) contains.

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Color

CIELCh(75, 19.019, 87.396)

Conversions

Conversions Part 1

Format	Color
Hex	C8B796
RGB	200, 183, 150
RGB Percent	78%, 72%, 59%
CMY	0.2162, 0.2828, 0.4122
CMYK	0.00, 0.09, 0.25, 0.22
HSL	40°, 31%, 69%
HSV	40°, 25%, 78%
XYZ	46.1908, 48.2781, 35.6892
YIQ	184.3210, 20.7250, -6.6590

Conversions

Conversions Part 2

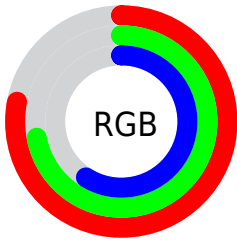
Format	Color
RYB	176, 200, 150
Decimal	13154198
CIELab	75.00, 0.86, 19.00
CIElCh	75, 19.019, 87.396
Yxy	48.2781, 0.3549, 0.3709
Android (android.graphics.Color)	4291344278 (0xFFC8B796)
YUV	184.3210, -16.9203, 13.7505
Hunter-Lab	69.4824, -2.9303, 18.1838

Details

The CIELCh color **75, 19.019, 87.396** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **68, 18.876, 274.305**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 18.891, 90.119**, and **55, 18.903, 87.739** is the 20% darker color. If you saturate the color by 10%, you get **73, 26.893, 86.062**, and if you desaturate by 10%, it is **77, 11.290, 88.699**.

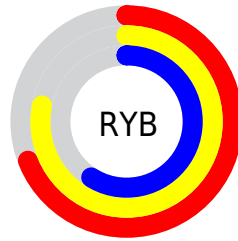
Distribution



Red (78%)

Green (72%)

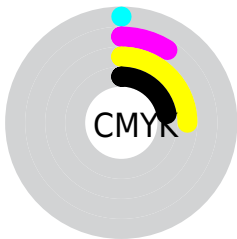
Blue (59%)



Red (69%)

Yellow (78%)

Blue (59%)

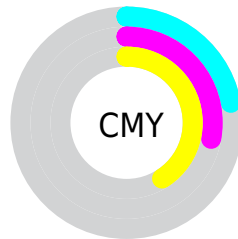


Cyan (0%)

Magenta (9%)

Yellow (25%)

Black (22%)



Cyan (22%)

Magenta (28%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 19.019, 87.396 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, 19.019, 87.396 by changing the saturation by 10% instead.

■ 75, 19.019, 87.396

■ 75, 19.019, 87.396

■ 100, 19.019,
87.396

■ 65, 19.019, 87.396

■ 95, 19.019, 87.396

■ 55, 19.019, 87.396

■ 45, 19.019, 87.396

■ 35, 19.019, 87.396

■ 25, 19.019, 87.396

■ 15, 19.019, 87.396

■ 5, 19.019, 87.396

■ 0, 19.019, 87.396

■ 75, 19.019, 87.396

■ 75, 19.019, 87.396

73, 26.893, 86.062

77, 11.290, 88.699

71, 34.858, 84.681

79, 3.722, 89.917

69, 42.804, 83.252

82, 3.682, 271.265

67, 50.520, 81.757

84, 10.926,
272.386

65, 57.620, 80.142

86, 18.021,
273.492

63, 63.477, 78.304

61, 67.296, 76.063

88, 17.898,
265.740

61, 68.679, 74.852

90, 15.973,
252.326

92, 15.092,
236.507

94, 15.409,
220.228

Harmonies

Complementary

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



75, 19.019, 87.396



68, 18.876, 274.305

Rectangle

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



75, 19.019, 87.396



75, 19.019, 137.396



75, 19.019, 267.396



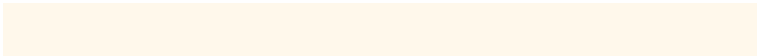
75, 19.019, 317.396

Sweetspot

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



75, 19.020, 87.403



98, 7.271, 89.555



67, 21.517, 355.159



52, 5.178, 89.370



0, 0.000, 0.000



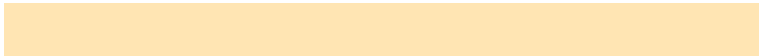
53, 0.007, 296.813

Same Dimension

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



75, 19.020, 87.403



92, 27.957, 86.682



79, 26.543, 114.197



41, 4.220, 89.402



50, 59.095, 75.321



9, 13.891, 77.897

Inverse Universe

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



68, 18.876, 274.305



82, 27.702, 275.312



64, 28.084, 298.259



39, 4.216, 271.854



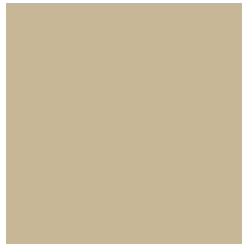
28, 68.638, 295.879



4, 16.557, 280.639

Previews

White Background



This preview shows how the CIELCh color 75, 19.019, 87.396 looks on a white background.

Color Contrast Check

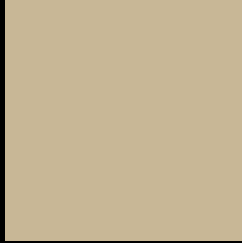
Large Text (above 18pt) WCAG AA × Fail

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, 19.019, 87.396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

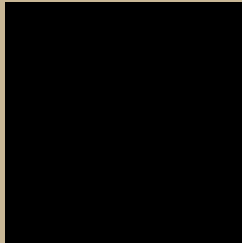
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

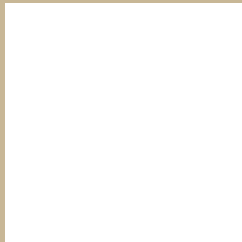
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 75, 19.019, 87.396

Background



This preview shows how black text looks on a background with the CIELCh color 75, 19.019, 87.396.



This preview shows how white text looks on a background with the CIELCh color 75, 19.019, 87.396.

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, 19.019, 87.396

Protanopia

75, 18.354, 93.302

Deuteranopia

75, 20.696, 62.338



Tritanopia
75, 12.904, 344.782

Trichromacy



Original Color
75, 19.019, 87.396

Protanomaly
75, 18.466, 92.094

Deuteranomaly
75, 19.462, 70.159

Tritanomaly
75, 9.356, 29.994

Monochromacy



Original Color
75, 19.019, 87.396

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 6.836, 89.926

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 19.019, 87.396 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(200, 183, 150)` looks like.

```
.text, #text, p{  
    color:rgb(200, 183, 150)  
}
```

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(200, 183, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 183, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 19.019, 87.396 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(200, 183, 150) }
```

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

```
.border{ border-color:rgb(200, 183, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 183, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 183, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 183, 150);  
box-shadow:4px 4px 4px 4px rgb(200, 183,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 19.019, 87.396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 183, 150) }
```

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

```
.background{ background-color: rgb(200,  
183, 150) }
```

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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