

Converting Colors

CIELCh(75, 35.594, 95.595)

Have a look what the booklet for
CIELCh(75, 35.594, 95.595) contains.

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Color

CIELCh(75, 35.715, 95.910)

Conversions

Conversions Part 1

Format	Color
Hex	C9B977
RGB	201, 185, 119
RGB Percent	79%, 73%, 47%
CMY	0.2129, 0.2756, 0.5344
CMYK	0.00, 0.08, 0.41, 0.21
HSL	48°, 43%, 63%
HSV	48°, 41%, 79%
XYZ	44.6083, 48.2781, 24.3343
YIQ	182.2600, 30.7220, -17.1340

Conversions

Conversions Part 2

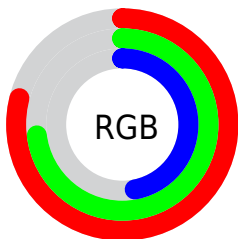
Format	Color
RYB	139, 201, 119
Decimal	13220215
CIELab	75.00, -3.68, 35.53
CIELCh	75, 35.715, 95.910
Yxy	48.2781, 0.3805, 0.4119
Android (android.graphics.Color)	4291410295 (0xFFC9B977)
YUV	182.2600, -31.1872, 16.4350
Hunter-Lab	69.4824, -6.9958, 27.8730

Details

The CIELCh color **75, 35.715, 95.910** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57, 37.706, 286.980**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 35.468, 98.478**, and **55, 35.780, 95.465** is the 20% darker color. If you saturate the color by 10%, you get **74, 44.245, 94.687**, and if you desaturate by 10%, it is **76, 26.993, 97.125**.

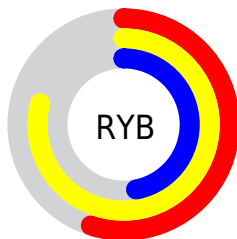
Distribution



Red (79%)

Green (73%)

Blue (47%)



Red (55%)

Yellow (79%)

Blue (47%)

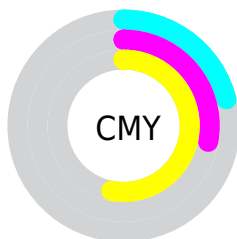


Cyan (0%)

Magenta (8%)

Yellow (41%)

Black (21%)



Cyan (21%)

Magenta (28%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 35.715, 95.910 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, 35.715, 95.910 by changing the saturation by 10% instead.

■ 75, 35.715, 95.910

■ 75, 35.715, 95.910

■ 100, 35.715,
95.910

■ 65, 35.715, 95.910

■ 95, 35.715, 95.910

■ 55, 35.715, 95.910

■ 45, 35.715, 95.910

■ 35, 35.715, 95.910

■ 25, 35.715, 95.910

■ 15, 35.715, 95.910

■ 5, 35.715, 95.910

■ 0, 35.715, 95.910

■ 75, 35.715, 95.910

■ 75, 35.715, 95.910

74, 44.245, 94.687

76, 26.993, 97.125

72, 52.354, 93.449

78, 18.208, 98.313

71, 59.672, 92.198

79, 9.438, 99.467

70, 65.648, 90.913

81, 0.722, 100.395

69, 69.623, 89.553

82, 7.919, 281.715

68, 71.476, 88.212

84, 16.472,
282.746

85, 22.758,
282.650

86, 20.905,
278.013

87, 19.212,
272.555

Harmonies

Complementary

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



75, 35.715, 95.910



57, 37.706, 286.980

Rectangle

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



75, 35.715, 95.910



75, 35.715, 145.910



75, 35.715, 275.910



75, 35.715, 325.910

Sweetspot

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



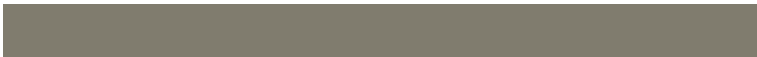
75, 35.716, 95.914



98, 12.694, 99.317



59, 34.395, 8.334



52, 8.425, 99.165



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, 35.716, 95.914



92, 51.834, 94.829



77, 43.870, 119.457



41, 4.897, 99.632



56, 61.384, 88.463



11, 16.127, 92.860

Inverse Universe

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



57, 37.706, 286.980



66, 55.767, 288.933



55, 47.808, 304.752



39, 4.954, 281.832



23, 83.593, 302.360



2, 18.612, 286.163

Previews

White Background



This preview shows how the CIELCh color 75, 35.715, 95.910 looks on a white background.

Color Contrast Check

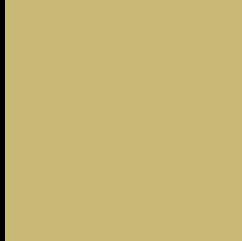
Large Text (above 18pt) WCAG AA × Fail

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, 35.715, 95.910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

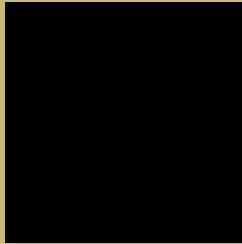
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 35.715, 95.910

Background



This preview shows how black text looks on a background with the CIELCh color 75, 35.715, 95.910.

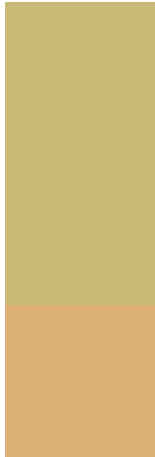


This preview shows how white text looks on a background with the CIELCh color 75, 35.715, 95.910.

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, 35.715, 95.910

Protanopia

75, 35.715, 95.910

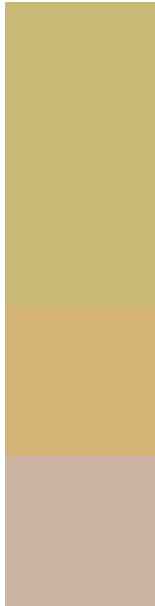
Deuteranopia

75, 36.015, 75.067



Tritanopia
75, 14.166, 348.534

Trichromacy



Original Color
75, 35.715, 95.910

Protanomaly
75, 35.715, 95.910

Deuteranomaly
75, 35.386, 82.956

Tritanomaly
75, 13.085, 57.905

Monochromacy



Original Color
75, 35.715, 95.910

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 13.117, 98.592

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 35.715, 95.910 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(201, 185, 119)` looks like.

```
.text, #text, p{  
    color:rgb(201, 185, 119)  
}
```

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(201, 185, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 185, 119) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 35.715, 95.910 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(201, 185, 119) }
```

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

```
.border{ border-color:rgb(201, 185, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 185, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 185, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 185, 119);  
box-shadow:4px 4px 4px 4px rgb(201, 185,  
119) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 35.715, 95.910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 185, 119) }
```

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

```
.background{ background-color: rgb(201,  
185, 119) }
```

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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