

Converting Colors

CIELCh(74, 25.760, 95.480)

Have a look what the booklet for
CIELCh(74, 25.760, 95.480) contains.

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Color

CIELCh(74, 25.771, 95.752)

Conversions

Conversions Part 1

Format	Color
Hex	C3B687
RGB	195, 182, 135
RGB Percent	76%, 71%, 53%
CMY	0.2360, 0.2870, 0.4713
CMYK	0.00, 0.07, 0.31, 0.24
HSL	47°, 33%, 65%
HSV	47°, 31%, 76%
XYZ	43.5099, 46.7039, 29.5796
YIQ	180.5290, 22.8350, -11.8610

Conversions

Conversions Part 2

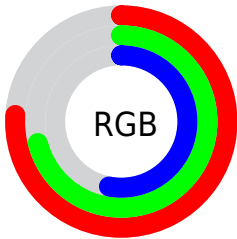
Format	Color
RYB	152, 195, 135
Decimal	12826247
CIELab	74.00, -2.58, 25.64
CIElCh	74, 25.771, 95.752
Yxy	46.7039, 0.3632, 0.3899
Android (android.graphics.Color)	4291016327 (0xFFC3B687)
YUV	180.5290, -22.4458, 12.6911
Hunter-Lab	68.3403, -5.9506, 22.1758

Details

The CIELCh color $74, 25.771, 95.752$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $62, 26.596, 283.797$, and the grayscale version is $74, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 25.613, 96.046$, and $54, 25.508, 95.914$ is the 20% darker color. If you saturate the color by 10%, you get $73, 34.159, 94.519$, and if you desaturate by 10%, it is $75, 17.352, 96.967$.

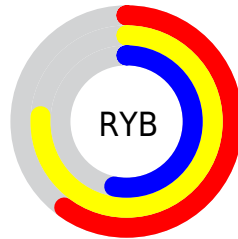
Distribution



Red (76%)

Green (71%)

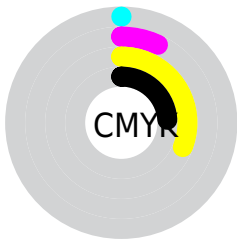
Blue (53%)



Red (60%)

Yellow (76%)

Blue (53%)

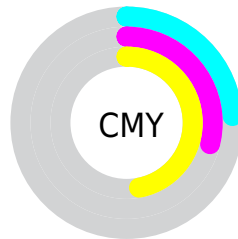


Cyan (0%)

Magenta (7%)

Yellow (31%)

Black (24%)



Cyan (24%)

Magenta (29%)

Yellow (47%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 25.771, 95.752 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 74, 25.771, 95.752 by changing the saturation by 10% instead.

 74, 25.771, 95.752

 74, 25.771, 95.752

 100, 25.771,
95.752

 64, 25.771, 95.752

 94, 25.771, 95.752

 54, 25.771, 95.752

 44, 25.771, 95.752

 34, 25.771, 95.752

 24, 25.771, 95.752

 14, 25.771, 95.752

 4, 25.771, 95.752

 0, 25.771, 95.752

 74, 25.771, 95.752

 74, 25.771, 95.752

73, 34.159, 94.519

75, 17.352, 96.967

71, 42.391, 93.260

77, 8.964, 98.140

70, 50.257, 91.980

79, 0.645, 99.049

69, 57.409, 90.673

80, 7.587, 280.425

67, 63.313, 89.310

82, 15.727,
281.470

66, 67.312, 87.836

84, 23.772,
282.473

65, 69.268, 86.351

85, 23.434,
278.908

86, 21.560,
273.714

87, 19.892,
267.636

Harmonies

Complementary

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



74, 25.771, 95.752



62, 26.596, 283.797

Rectangle

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



74, 25.771, 95.752



74, 25.771, 145.752



74, 25.771, 275.752



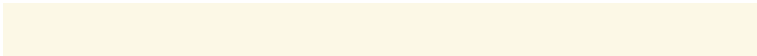
74, 25.771, 325.752

Sweetspot

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



74, 25.772, 95.757



97, 9.219, 98.328



62, 24.949, 5.435



52, 6.464, 98.159



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 25.772, 95.757



92, 38.247, 94.920



76, 32.454, 119.349



40, 4.685, 98.303



54, 60.119, 86.621



10, 14.217, 91.451

Inverse Universe

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



62, 26.596, 283.797



74, 39.846, 285.082



60, 34.563, 303.334



38, 4.733, 280.536



23, 80.552, 301.582



2, 16.551, 284.513

Previews

White Background



This preview shows how the CIELCh color 74, 25.771, 95.752 looks on a white background.

Color Contrast Check

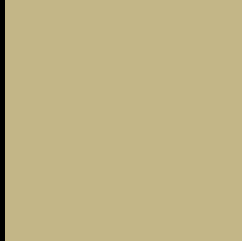
Large Text (above 18pt) WCAG AA × Fail

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 74, 25.771, 95.752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

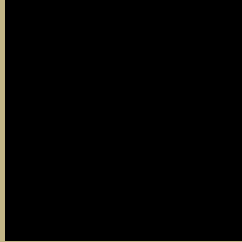
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 25.771, 95.752

Background



This preview shows how black text looks on a background with the CIELCh color 74, 25.771, 95.752.

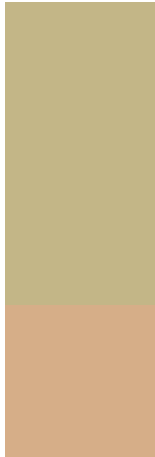


This preview shows how white text looks on a background with the CIELCh color 74, 25.771, 95.752.

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

74, 25.771, 95.752

Protanopia

74, 25.771, 95.752

Deuteranopia

74, 26.685, 69.552



Tritanopia
74, 12.017, 344.713

Trichromacy



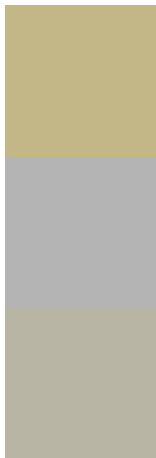
Original Color
74, 25.771, 95.752

Protanomaly
74, 25.771, 95.752

Deuteranomaly
74, 25.497, 78.820

Tritanomaly
74, 9.578, 46.669

Monochromacy



Original Color
74, 25.771, 95.752

Achromatopsia
73, 0.009, 296.813

Achromatomaly
74, 9.293, 99.688

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 25.771, 95.752 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(195, 182, 135)` looks like.

```
.text, #text, p{  
    color:rgb(195, 182, 135)  
}
```

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(195, 182, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 182, 135) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 25.771, 95.752 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(195, 182, 135) }
```

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

```
.border{ border-color:rgb(195, 182, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 182, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 182, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 182, 135);  
box-shadow:4px 4px 4px 4px rgb(195, 182,  
135) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 25.771, 95.752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 182, 135) }
```

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

```
.background{ background-color: rgb(195,  
182, 135) }
```

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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