

Converting Colors

CIELCh(74, 24.759, 95.377)

Have a look what the booklet for
CIELCh(74, 24.759, 95.377) contains.

CIELCh(74, 24.731, 95.386)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	20
<i>Color Blindness Simulation</i>	23
<i>CSS Examples</i>	26

Color

CIELCh(74, 24.731, 95.386)

Conversions

Conversions Part 1

Format	Color
Hex	C3B689
RGB	195, 182, 137
RGB Percent	76%, 71%, 54%
CMY	0.2364, 0.2874, 0.4638
CMYK	0.00, 0.07, 0.30, 0.24
HSL	47°, 32%, 65%
HSV	47°, 30%, 76%
XYZ	43.5986, 46.7039, 30.2835
YIQ	180.7570, 22.1930, -11.2390

Conversions

Conversions Part 2

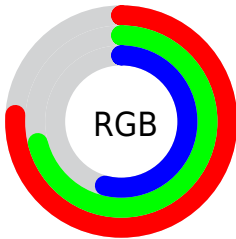
Format	Color
RYB	154, 195, 137
Decimal	12826249
CIELab	74.00, -2.32, 24.62
CIELCh	74, 24.731, 95.386
Yxy	46.7039, 0.3616, 0.3873
Android (android.graphics.Color)	4291016329 (0xFFC3B689)
YUV	180.7570, -21.5722, 12.4911
Hunter-Lab	68.3403, -5.7191, 21.5651

Details

The CIELCh color **74, 24.731, 95.386** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **62, 25.439, 283.172**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 24.618, 95.663**, and **54, 24.516, 94.571** is the 20% darker color. If you saturate the color by 10%, you get **73, 33.079, 94.146**, and if you desaturate by 10%, it is **76, 16.369, 96.607**.

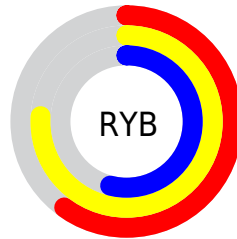
Distribution



Red (76%)

Green (71%)

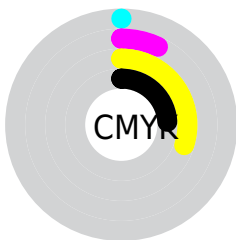
Blue (54%)



Red (60%)

Yellow (76%)

Blue (54%)

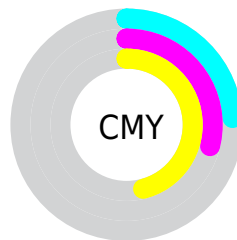


Cyan (0%)

Magenta (7%)

Yellow (30%)

Black (24%)



Cyan (24%)

Magenta (29%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 24.731, 95.386 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, 24.731, 95.386 by changing the saturation by 10% instead.

■ 74, 24.731, 95.386

■ 74, 24.731, 95.386

■ 100, 24.731,
95.386

■ 64, 24.731, 95.386

■ 94, 24.731, 95.386

■ 54, 24.731, 95.386

■ 44, 24.731, 95.386

■ 34, 24.731, 95.386

■ 24, 24.731, 95.386

■ 14, 24.731, 95.386

■ 4, 24.731, 95.386

■ 0, 24.731, 95.386

■ 74, 24.731, 95.386

■ 74, 24.731, 95.386

73, 33.079, 94.146

76, 16.369, 96.607

71, 41.297, 92.877

77, 8.050, 97.781

70, 49.191, 91.586

79, 0.193, 279.819

68, 56.430, 90.263

80, 8.344, 280.072

67, 62.503, 88.881

82, 16.399,
281.118

66, 66.749, 87.384

84, 24.357,
282.123

65, 68.991, 85.724

85, 23.026,
277.789

65, 69.038, 85.687

86, 21.136,
272.214

87, 19.480,
265.668

Harmonies

Complementary

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



74, 24.731, 95.386



62, 25.439, 283.172

Rectangle

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



74, 24.731, 95.386



74, 24.731, 145.386



74, 24.731, 275.386



74, 24.731, 325.386

Sweetspot

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



74, 24.732, 95.391



97, 9.147, 97.854



63, 24.171, 4.049



52, 6.414, 97.684



0, 0.000, 0.000



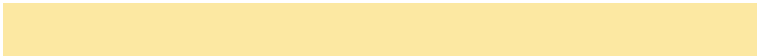
53, 0.007, 296.813

Same Dimension

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



74, 24.732, 95.391



92, 36.962, 94.549



76, 31.306, 118.731



40, 4.649, 97.828



54, 59.941, 85.968



9, 14.089, 90.742

Inverse Universe

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



62, 25.439, 283.172



75, 38.353, 284.443



60, 33.302, 302.688



38, 4.694, 280.076



23, 79.843, 301.308



2, 16.454, 284.244

Previews

White Background



This preview shows how the CIELCh color 74, 24.731, 95.386 looks on a white background.

Color Contrast Check

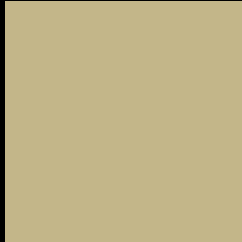
Large Text (above 18pt) WCAG AA × Fail

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, 24.731, 95.386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

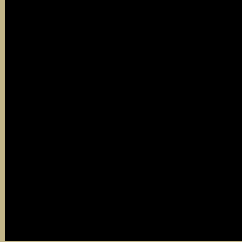
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 24.731, 95.386

Background



This preview shows how black text looks on a background with the CIELCh color 74, 24.731, 95.386.



This preview shows how white text looks on a background with the CIELCh color 74, 24.731, 95.386.

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, 24.731, 95.386

Protanopia

74, 24.731, 95.386

Deuteranopia

74, 25.814, 68.256



Tritanopia
74, 12.329, 342.658

Trichromacy



Original Color
74, 24.731, 95.386

Protanomaly
74, 24.731, 95.386

Deuteranomaly
74, 24.545, 77.787

Tritanomaly
74, 9.329, 43.790

Monochromacy



Original Color
74, 24.731, 95.386

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, 24.731, 95.386 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, 137)` looks like.

```
.text, #text, p{  
    color:rgb(195, 182, 137)  
}
```

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, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 182, 137) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 24.731, 95.386 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, 137) }
```

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

```
.border{ border-color:rgb(195, 182, 137) }
```

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, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 182, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 182, 137);  
box-shadow:4px 4px 4px 4px rgb(195, 182,  
137) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 24.731, 95.386 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, 137) }
```

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

```
.background{ background-color: rgb(195,  
182, 137) }
```

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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