

Converting Colors

CIELCh(76, 15.512, 96.290)

Have a look what the booklet for
CIELCh(76, 15.512, 96.290) contains.

CIELCh(76, 15.404, 95.435)	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(76, 15.404, 95.435)

Conversions

Conversions Part 1

Format	Color
Hex	C4BB9F
RGB	196, 187, 159
RGB Percent	77%, 73%, 62%
CMY	0.2306, 0.2659, 0.3758
CMYK	0.00, 0.05, 0.19, 0.23
HSL	45°, 24%, 70%
HSV	45°, 19%, 77%
XYZ	46.8949, 49.8872, 40.0388
YIQ	186.4990, 14.3520, -6.8000

Conversions

Conversions Part 2

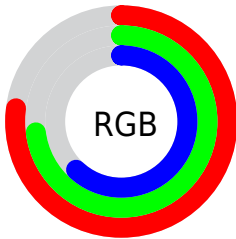
Format	Color
RYB	171, 196, 159
Decimal	12893087
CIELab	76.00, -1.46, 15.33
CIELCh	76, 15.404, 95.435
Yxy	49.8872, 0.3427, 0.3646
Android (android.graphics.Color)	4291083167 (0xFFC4BB9F)
YUV	186.4990, -13.5570, 8.3324
Hunter-Lab	70.6309, -5.0903, 15.8317

Details

The CIELCh color **76, 15.404, 95.435** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **69, 15.619, 280.190**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 15.243, 94.925**, and **56, 15.173, 95.426** is the 20% darker color. If you saturate the color by 10%, you get **74, 23.683, 94.209**, and if you desaturate by 10%, it is **78, 7.193, 96.631**.

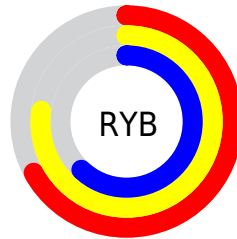
Distribution



Red (77%)

Green (73%)

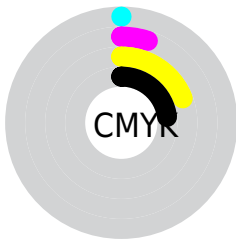
Blue (62%)



Red (67%)

Yellow (77%)

Blue (62%)

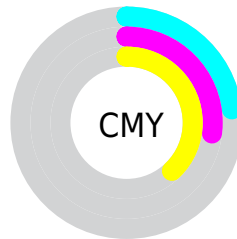


Cyan (0%)

Magenta (5%)

Yellow (19%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 15.404, 95.435 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 76, 15.404, 95.435 by changing the saturation by 10% instead.

■ 76, 15.404, 95.435

■ 76, 15.404, 95.435

■ 100, 15.404,
95.435

■ 66, 15.404, 95.435

■ 96, 15.404, 95.435

■ 56, 15.404, 95.435

■ 46, 15.404, 95.435

■ 36, 15.404, 95.435

■ 26, 15.404, 95.435

■ 16, 15.404, 95.435

■ 6, 15.404, 95.435

■ 0, 15.404, 95.435

■ 76, 15.404, 95.435

■ 76, 15.404, 95.435

74, 23.683, 94.209

78, 7.193, 96.631

73, 31.972, 92.942

79, 0.927, 278.010

71, 40.173, 91.647

81, 8.945, 278.951

70, 48.105, 90.322

83, 16.857,
280.008

68, 55.457, 88.956

85, 23.502,
280.304

67, 61.735, 87.517

86, 21.343,
274.513

66, 66.270, 85.938

64, 68.703, 84.149

87, 19.444,
267.564

64, 68.949, 83.946

88, 17.882,
259.324

90, 16.745,
249.813

Harmonies

Complementary

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



76, 15.404, 95.435



69, 15.619, 280.190

Rectangle

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



76, 15.404, 95.435



76, 15.404, 145.435



76, 15.404, 275.435



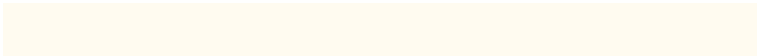
76, 15.404, 325.435

Sweetspot

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



76, 15.405, 95.443



99, 6.011, 96.945



69, 15.155, 1.406



53, 3.990, 96.871



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



76, 15.405, 95.443



95, 23.293, 94.893



78, 20.000, 118.736



40, 4.557, 96.573



53, 59.526, 84.267



9, 13.770, 88.855

Inverse Universe

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



69, 15.619, 280.190



85, 23.697, 280.897



67, 20.780, 301.212



38, 4.594, 278.856



24, 77.968, 300.562



3, 16.209, 283.538

Previews

White Background



This preview shows how the CIELCh color 76, 15.404, 95.435 looks on a white background.

Color Contrast Check

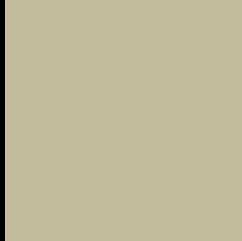
Large Text (above 18pt) WCAG AA × Fail

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 76, 15.404, 95.435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

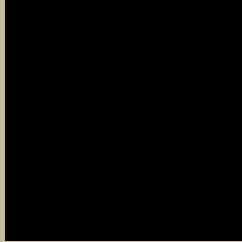
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

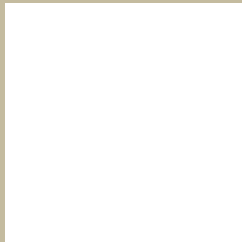
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 76, 15.404, 95.435

Background



This preview shows how black text looks on a background with the CIELCh color 76, 15.404, 95.435.



This preview shows how white text looks on a background with the CIELCh color 76, 15.404, 95.435.

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

76, 15.404, 95.435

Protanopia

76, 15.501, 94.007

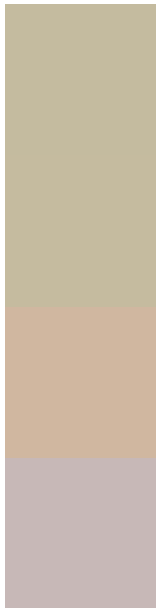
Deuteranopia

76, 17.391, 55.879



Tritanopia
76, 10.327, 333.426

Trichromacy



Original Color
76, 15.404, 95.435

Protanomaly
76, 15.501, 94.007

Deuteranomaly
76, 15.904, 70.340

Tritanomaly
76, 5.682, 25.179

Monochromacy



Original Color
76, 15.404, 95.435

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 5.473, 97.678

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 15.404, 95.435 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(196, 187, 159)` looks like.

```
.text, #text, p{  
    color:rgb(196, 187, 159)  
}
```

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(196, 187, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 187, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 15.404, 95.435 is called "border". The border property can be set on classes, ids or directly on the HTML element.

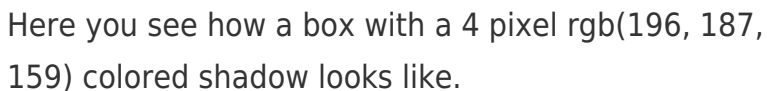
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 187, 159) }
```

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

```
.border{ border-color:rgb(196, 187, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 187, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 187, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 187, 159); box-shadow:4px 4px 4px 4px rgb(196, 187, 159) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 15.404, 95.435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 187, 159) }
```

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

```
.background{ background-color: rgb(196,  
187, 159) }
```

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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