

Converting Colors

CIELCh(76, 19.594, 95.272)

Have a look what the booklet for
CIELCh(76, 19.594, 95.272) contains.

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Color

CIELCh(76, 19.755, 95.461)

Conversions

Conversions Part 1

Format	Color
Hex	C6BB97
RGB	198, 187, 151
RGB Percent	78%, 73%, 59%
CMY	0.2228, 0.2659, 0.4072
CMYK	0.00, 0.06, 0.24, 0.22
HSL	46°, 29%, 69%
HSV	46°, 24%, 78%
XYZ	46.7451, 49.8872, 36.5171
YIQ	186.1850, 18.1120, -8.8640

Conversions

Conversions Part 2

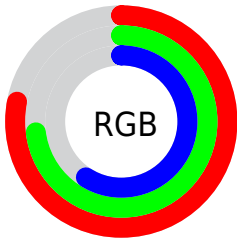
Format	Color
RYB	165, 198, 151
Decimal	13024151
CIELab	76.00, -1.88, 19.67
CIELCh	76, 19.755, 95.461
Yxy	49.8872, 0.3511, 0.3747
Android (android.graphics.Color)	4291214231 (0xFFC6BB97)
YUV	186.1850, -17.3462, 10.3618
Hunter-Lab	70.6309, -5.4688, 18.7880

Details

The CIELCh color **76, 19.755, 95.461** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **67, 20.145, 281.536**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **96, 19.886, 95.529**, and **56, 19.783, 95.165** is the 20% darker color. If you saturate the color by 10%, you get **74, 28.177, 94.226**, and if you desaturate by 10%, it is **78, 11.370, 96.672**.

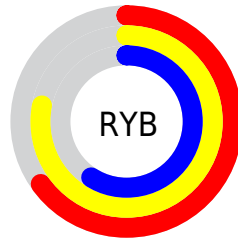
Distribution



Red (78%)

Green (73%)

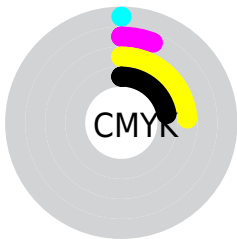
Blue (59%)



Red (65%)

Yellow (78%)

Blue (59%)

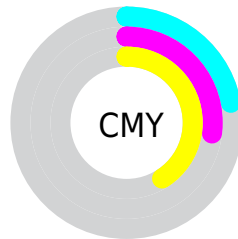


Cyan (0%)

Magenta (6%)

Yellow (24%)

Black (22%)



Cyan (22%)

Magenta (27%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 76, 19.755, 95.461 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, 19.755, 95.461 by changing the saturation by 10% instead.

■ 76, 19.755, 95.461

■ 76, 19.755, 95.461

■ 100, 19.755,
95.461

■ 66, 19.755, 95.461

■ 96, 19.755, 95.461

■ 56, 19.755, 95.461

■ 46, 19.755, 95.461

■ 36, 19.755, 95.461

■ 26, 19.755, 95.461

■ 16, 19.755, 95.461

■ 6, 19.755, 95.461

■ 0, 19.755, 95.461

■ 76, 19.755, 95.461

■ 76, 19.755, 95.461

74, 28.177, 94.226

78, 11.370, 96.672

73, 36.556, 92.956

79, 3.059, 97.803

71, 44.755, 91.661

81, 5.158, 279.025

70, 52.530, 90.336

83, 13.274,
280.088

69, 59.478, 88.964

85, 21.287,
281.119

67, 65.004, 87.503

66, 68.427, 85.871

86, 21.540,
277.195

65, 69.689, 84.766

87, 19.579,
270.755

88, 17.912,
263.061

90, 16.622,
254.052

Harmonies

Complementary

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



76, 19.755, 95.461



67, 20.145, 281.536

Rectangle

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



76, 19.755, 95.461



76, 19.755, 145.461



76, 19.755, 275.461



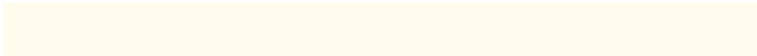
76, 19.755, 325.461

Sweetspot

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



76, 19.756, 95.467



99, 7.088, 97.438



67, 19.409, 2.007



52, 4.607, 97.369



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, 19.756, 95.467



94, 28.668, 94.888



78, 25.314, 118.427



41, 4.701, 97.178



55, 60.407, 85.061



10, 15.426, 89.316

Inverse Universe

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



67, 20.145, 281.536



81, 29.367, 282.331



65, 26.583, 301.606



39, 4.743, 279.452



24, 79.891, 300.964



3, 18.057, 284.835

Previews

White Background



This preview shows how the CIELCh color 76, 19.755, 95.461 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, 19.755, 95.461 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

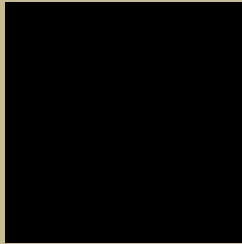
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 76, 19.755, 95.461

Background



This preview shows how black text looks on a background with the CIELCh color 76, 19.755, 95.461.



This preview shows how white text looks on a background with the CIELCh color 76, 19.755, 95.461.

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, 19.755, 95.461

Protanopia

76, 19.850, 94.326

Deuteranopia

76, 21.011, 63.345



Tritanopia
76, 11.399, 339.044

Trichromacy



Original Color
76, 19.755, 95.461

Protanomaly
76, 19.850, 94.326

Deuteranomaly
76, 19.971, 75.525

Tritanomaly
76, 7.554, 36.361

Monochromacy



Original Color
76, 19.755, 95.461

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 7.134, 97.145

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 76, 19.755, 95.461 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(198, 187, 151)` looks like.

```
.text, #text, p{  
    color:rgb(198, 187, 151)  
}
```

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(198, 187, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 187, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 76, 19.755, 95.461 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(198, 187, 151) }
```

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

```
.border{ border-color:rgb(198, 187, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 187, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 187, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 187, 151);  
box-shadow:4px 4px 4px 4px rgb(198, 187,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 76, 19.755, 95.461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 187, 151) }
```

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

```
.background{ background-color: rgb(198,  
187, 151) }
```

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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