

Converting Colors

CIELCh(77, 22.027, 96.373)

Have a look what the booklet for
CIELCh(77, 22.027, 96.373) contains.

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Color

CIELCh(77, 21.774, 96.467)

Conversions

Conversions Part 1

Format	Color
Hex	C9BE96
RGB	201, 190, 150
RGB Percent	79%, 75%, 59%
CMY	0.2112, 0.2543, 0.4112
CMYK	0.00, 0.05, 0.25, 0.21
HSL	47°, 32%, 69%
HSV	47°, 25%, 79%
XYZ	48.0859, 51.5317, 36.3235
YIQ	188.7290, 19.3960, -10.1080

Conversions

Conversions Part 2

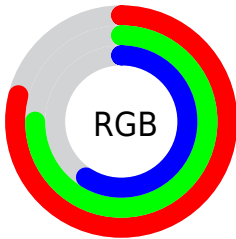
Format	Color
RYB	164, 201, 150
Decimal	13221526
CIELab	77.00, -2.45, 21.64
CIELCh	77, 21.774, 96.467
Yxy	51.5317, 0.3537, 0.3791
Android (android.graphics.Color)	4291411606 (0xFFC9BE96)
YUV	188.7290, -19.0934, 10.7617
Hunter-Lab	71.7856, -6.0558, 20.2492

Details

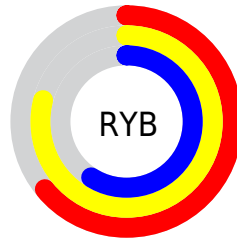
The CIELCh color **77, 21.774, 96.467** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **67, 22.331, 282.927**, and the grayscale version is **77, 0.009, 296.813**.

A 20% lighter version of the original color is **97, 21.615, 99.494**, and **57, 21.809, 97.274** is the 20% darker color. If you saturate the color by 10%, you get **76, 30.419, 95.247**, and if you desaturate by 10%, it is **79, 13.138, 97.666**.

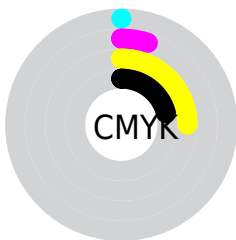
Distribution



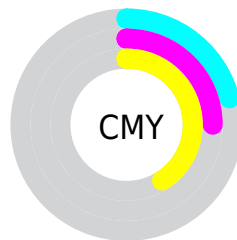
- Red (79%)
- Green (75%)
- Blue (59%)



- Red (64%)
- Yellow (79%)
- Blue (59%)



- Cyan (0%)
- Magenta (5%)
- Yellow (25%)
- Black (21%)



- Cyan (21%)
- Magenta (25%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 77, 21.774, 96.467 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 77, 21.774, 96.467 by changing the saturation by 10% instead.

■ 77, 21.774, 96.467

■ 77, 21.774, 96.467

■ 100, 21.774,
96.467

■ 67, 21.774, 96.467

■ 97, 21.774, 96.467

■ 57, 21.774, 96.467

■ 47, 21.774, 96.467

■ 37, 21.774, 96.467

■ 27, 21.774, 96.467

■ 17, 21.774, 96.467

■ 7, 21.774, 96.467

■ 0, 21.774, 96.467

■ 77, 21.774, 96.467

■ 77, 21.774, 96.467

76, 30.419, 95.247

79, 13.138, 97.666

74, 38.977, 93.998

80, 4.557, 98.806

73, 47.289, 92.728

82, 3.944, 280.007

71, 55.075, 91.437

83, 12.351,
281.057

70, 61.890, 90.108

85, 20.661,
282.082

69, 67.104, 88.703

68, 70.072, 87.149

86, 20.809,
278.209

67, 70.956, 86.394

88, 18.938,
272.093

89, 17.324,
264.793

90, 16.039,
256.219

Harmonies

Complementary

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



77, 21.774, 96.467



67, 22.331, 282.927

Rectangle

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



77, 21.774, 96.467



77, 21.774, 146.467



77, 21.774, 276.467



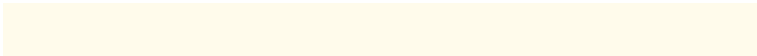
77, 21.774, 326.467

Sweetspot

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



77, 21.775, 96.473



98, 8.264, 98.502



67, 20.859, 4.685



52, 5.879, 98.329



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



77, 21.775, 96.473



94, 31.270, 95.856



79, 27.511, 119.670



41, 4.792, 98.359



55, 60.836, 86.680



11, 15.749, 91.028

Inverse Universe

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



67, 22.331, 282.927



79, 32.265, 283.798



65, 28.943, 302.895



39, 4.841, 280.598



23, 81.675, 301.651



3, 18.317, 285.470

Previews

White Background



This preview shows how the CIELCh color 77, 21.774, 96.467 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 77, 21.774, 96.467 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

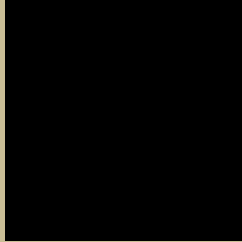
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

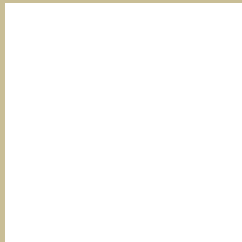
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 77, 21.774, 96.467

Background



This preview shows how black text looks on a background with the CIELCh color 77, 21.774, 96.467.



This preview shows how white text looks on a background with the CIELCh color 77, 21.774, 96.467.

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


77, 21.774, 96.467

Protanopia

77, 21.861, 95.429

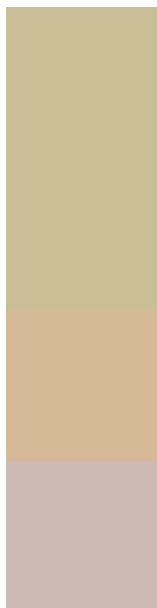
Deuteranopia

77, 23.141, 65.416



Tritanopia
77, 11.366, 339.032

Trichromacy



Original Color
77, 21.774, 96.467

Protanomaly
77, 21.861, 95.429

Deuteranomaly
77, 21.981, 77.366

Tritanomaly
77, 7.711, 40.123

Monochromacy



Original Color
77, 21.774, 96.467

Achromatopsia
77, 0.009, 296.813

Achromatomaly
77, 7.637, 97.948

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 77, 21.774, 96.467 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, 190, 150)` looks like.

```
.text, #text, p{  
    color:rgb(201, 190, 150)  
}
```

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, 190, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 190, 150) }
```

Border

The CSS property to change the border of an element to CIELCh 77, 21.774, 96.467 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, 190, 150) }
```

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

```
.border{ border-color:rgb(201, 190, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 190, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 190, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 190, 150);  
box-shadow:4px 4px 4px 4px rgb(201, 190,  
150) }
```

Background

The CSS property to change the background color of an element to CIELCh 77, 21.774, 96.467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 190, 150) }
```

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

```
.background{ background-color: rgb(201,  
190, 150) }
```

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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