

Converting Colors

CIELCh(75, 20.633, 98.668)

Have a look what the booklet for
CIELCh(75, 20.633, 98.668) contains.

CIELCh(75, 20.677, 98.136)	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(75, 20.677, 98.136)

Conversions

Conversions Part 1

Format	Color
Hex	C2B993
RGB	194, 185, 147
RGB Percent	76%, 73%, 58%
CMY	0.2392, 0.2745, 0.4235
CMYK	0.00, 0.05, 0.24, 0.24
HSL	49°, 28%, 67%
HSV	49°, 24%, 76%
XYZ	44.8675, 48.2781, 34.5603
YIQ	183.3590, 17.5620, -9.9100

Conversions

Conversions Part 2

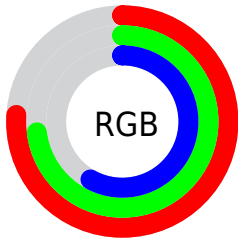
Format	Color
RYB	158, 194, 147
Decimal	12761491
CIELab	75.00, -2.93, 20.47
CIELCh	75, 20.677, 98.136
Yxy	48.2781, 0.3513, 0.3780
Android (android.graphics.Color)	4290951571 (0xFFC2B993)
YUV	183.3590, -17.9250, 9.3322
Hunter-Lab	69.4824, -6.3299, 19.1471

Details

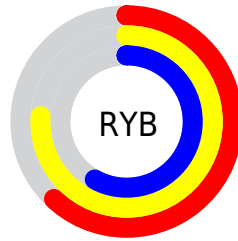
The CIELCh color **75, 20.677, 98.136** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **65, 21.280, 284.139**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **95, 20.759, 98.080**, and **55, 20.764, 97.972** is the 20% darker color. If you saturate the color by 10%, you get **74, 29.239, 96.952**, and if you desaturate by 10%, it is **76, 12.108, 99.302**.

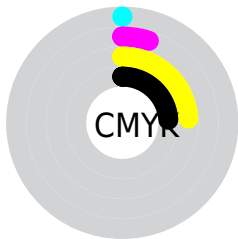
Distribution



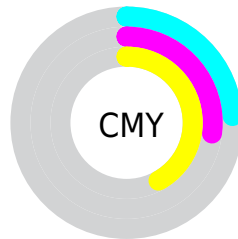
- Red (76%)
- Green (73%)
- Blue (58%)



- Red (62%)
- Yellow (76%)
- Blue (58%)



- Cyan (0%)
- Magenta (5%)
- Yellow (24%)
- Black (24%)



- Cyan (24%)
- Magenta (27%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 20.677, 98.136 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 75, 20.677, 98.136 by changing the saturation by 10% instead.

■ 75, 20.677, 98.136

■ 75, 20.677, 98.136

■ 100, 20.677,
98.136

■ 65, 20.677, 98.136

■ 95, 20.677, 98.136

■ 55, 20.677, 98.136

■ 45, 20.677, 98.136

■ 35, 20.677, 98.136

■ 25, 20.677, 98.136

■ 15, 20.677, 98.136

■ 5, 20.677, 98.136

■ 0, 20.677, 98.136

■ 75, 20.677, 98.136

■ 75, 20.677, 98.136

74, 29.239, 96.952

76, 12.108, 99.302

72, 37.701, 95.743

78, 3.577, 100.406

71, 45.909, 94.522

79, 4.888, 281.572

70, 53.603, 93.292

81, 13.273,
282.605

69, 60.367, 92.046

82, 21.572,
283.606

68, 65.618, 90.762

67, 68.742, 89.389

84, 25.429,
282.616

66, 69.819, 88.561

85, 23.648,
278.699

86, 21.994,
274.199

87, 20.493,
269.037

Harmonies

Complementary

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



75, 20.677, 98.136



65, 21.280, 284.139

Rectangle

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



75, 20.677, 98.136



75, 20.677, 148.136



75, 20.677, 278.136



75, 20.677, 328.136

Sweetspot

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



75, 20.678, 98.142



98, 7.354, 100.100



66, 19.214, 5.778



53, 4.819, 100.032



0, 0.000, 0.000



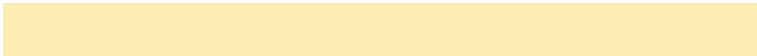
53, 0.007, 296.813

Same Dimension

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



75, 20.678, 98.142



94, 30.677, 97.522



76, 25.604, 120.407



40, 4.811, 99.851



56, 60.784, 88.789



10, 14.665, 93.740

Inverse Universe

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



65, 21.280, 284.139



79, 31.803, 285.008



64, 26.841, 303.378



38, 4.869, 282.037



22, 82.858, 302.444



2, 16.878, 285.399

Previews

White Background



This preview shows how the CIELCh color 75, 20.677, 98.136 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 75, 20.677, 98.136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

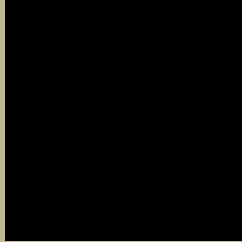
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 20.677, 98.136

Background



This preview shows how black text looks on a background with the CIELCh color 75, 20.677, 98.136.

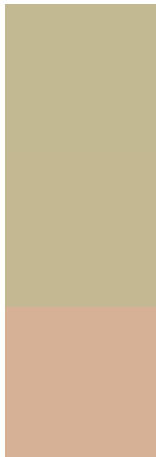


This preview shows how white text looks on a background with the CIELCh color 75, 20.677, 98.136.

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

75, 20.677, 98.136

Protanopia

75, 20.430, 94.571

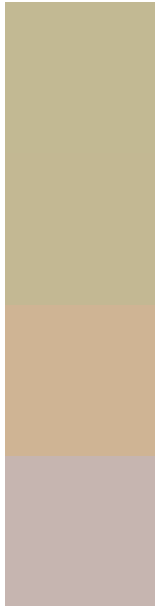
Deuteranopia

75, 21.796, 63.481



Tritanopia
75, 10.876, 336.374

Trichromacy



Original Color
75, 20.677, 98.136

Protanomaly
75, 20.336, 95.681

Deuteranomaly
75, 20.504, 76.201

Tritanomaly
75, 7.029, 42.267

Monochromacy



Original Color
75, 20.677, 98.136

Achromatopsia
74, 0.009, 296.813

Achromatomaly
75, 7.611, 100.764

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 20.677, 98.136 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(194, 185, 147)` looks like.

```
.text, #text, p{  
    color:rgb(194, 185, 147)  
}
```

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(194, 185, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 185, 147) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 20.677, 98.136 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(194, 185, 147) }
```

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

```
.border{ border-color:rgb(194, 185, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 185, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 185, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 185, 147);  
box-shadow:4px 4px 4px 4px rgb(194, 185,  
147) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 20.677, 98.136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 185, 147) }
```

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

```
.background{ background-color: rgb(194,  
185, 147) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor