

Converting Colors

CIELCh(75, 24.682, 77.024)

Have a look what the booklet for
CIELCh(75, 24.682, 77.024) contains.

CIELCh(75, 24.682, 77.024)	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, 24.682, 77.024)

Conversions

Conversions Part 1

Format	Color
Hex	D3B48D
RGB	211, 180, 141
RGB Percent	83%, 71%, 55%
CMY	0.1735, 0.2950, 0.4479
CMYK	0.00, 0.15, 0.33, 0.17
HSL	33°, 44%, 69%
HSV	33°, 33%, 83%
XYZ	47.8596, 48.2781, 31.9083
YIQ	184.8230, 30.9950, -5.5570

Conversions

Conversions Part 2

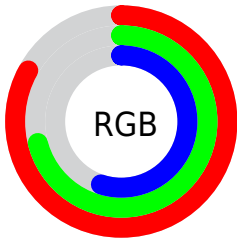
Format	Color
R _{YB}	197, 211, 141
Decimal	13874317
CIE Lab	75.00, 5.54, 24.05
CIE LCh	75, 24.682, 77.024
Yxy	48.2781, 0.3738, 0.3770
Android (android.graphics.Color)	4292064397 (0xFFD3B48D)
YUV	184.8230, -21.6047, 22.9572
Hunter-Lab	69.4824, 1.3567, 21.4100

Details

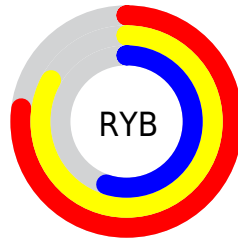
The CIELCh color **75, 24.682, 77.024** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **69, 23.240, 266.801**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **94, 22.238, 89.426**, and **55, 24.281, 76.561** is the 20% darker color. If you saturate the color by 10%, you get **72, 32.696, 75.671**, and if you desaturate by 10%, it is **78, 16.930, 78.359**.

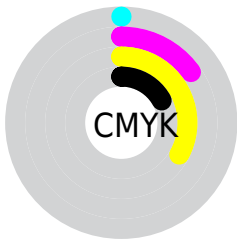
Distribution



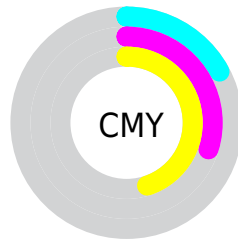
- Red (83%)
- Green (71%)
- Blue (55%)



- Red (77%)
- Yellow (83%)
- Blue (55%)



- Cyan (0%)
- Magenta (15%)
- Yellow (33%)
- Black (17%)



- Cyan (17%)
- Magenta (30%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 24.682, 77.024 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, 24.682, 77.024 by changing the saturation by 10% instead.

 75, 24.682, 77.024

 75, 24.682, 77.024

 100, 24.682,
77.024

 65, 24.682, 77.024

 95, 24.682, 77.024

 55, 24.682, 77.024

 45, 24.682, 77.024

 35, 24.682, 77.024

 25, 24.682, 77.024

 15, 24.682, 77.024

 5, 24.682, 77.024

 0, 24.682, 77.024

 75, 24.682, 77.024

 75, 24.682, 77.024

72, 32.696, 75.671

78, 16.930, 78.359

70, 40.909, 74.275

81, 9.453, 79.649

67, 49.175, 72.819

84, 2.246, 80.806

65, 57.183, 71.239

86, 4.709, 262.259

62, 64.352, 69.397

89, 11.435,
263.404

60, 69.785, 67.041

92, 12.791,
250.357

59, 72.461, 65.163

94, 12.397,
223.156

97, 14.563,
199.703

97, 14.761,
198.522

Harmonies

Complementary

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



75, 24.682, 77.024



69, 23.240, 266.801

Rectangle

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



75, 24.682, 77.024



75, 24.682, 127.024



75, 24.682, 257.024



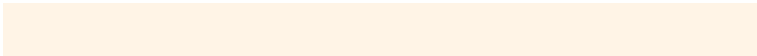
75, 24.682, 307.024

Sweetspot

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



75, 24.682, 77.030



97, 8.308, 80.035



66, 31.599, 349.778



51, 5.683, 79.859



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, 24.682, 77.030



87, 35.164, 76.050



83, 36.345, 109.200



43, 4.007, 80.121



47, 61.171, 65.779



10, 15.836, 65.741

Inverse Universe

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



69, 23.240, 266.801



79, 32.647, 268.431



61, 39.446, 295.962



42, 3.953, 262.657



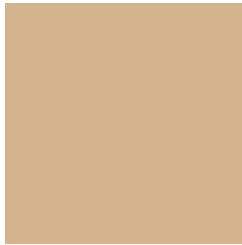
34, 58.739, 288.878



5, 17.449, 276.754

Previews

White Background



This preview shows how the CIELCh color 75, 24.682, 77.024 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, 24.682, 77.024 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

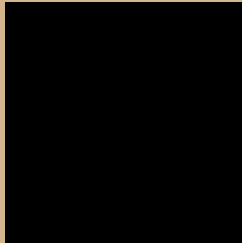
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 24.682, 77.024

Background



This preview shows how black text looks on a background with the CIELCh color 75, 24.682, 77.024.



This preview shows how white text looks on a background with the CIELCh color 75, 24.682, 77.024.

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](#).

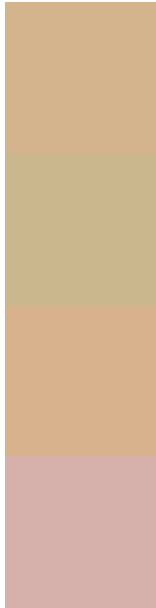
Dichromacy





Tritanopia
75, 17.338, 357.257

Trichromacy



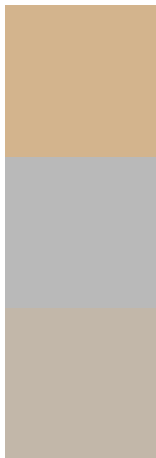
Original Color
75, 24.682, 77.024

Protanomaly
75, 23.355, 88.657

Deuteranomaly
75, 25.301, 71.131

Tritanomaly
75, 15.257, 32.701

Monochromacy



Original Color
75, 24.682, 77.024

Achromatopsia
75, 0.009, 296.813

Achromatomaly
75, 8.638, 79.968

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 24.682, 77.024 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(211, 180, 141)` looks like.

```
.text, #text, p{  
    color:rgb(211, 180, 141)  
}
```

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(211, 180, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 180, 141) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 24.682, 77.024 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(211, 180, 141) }
```

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

```
.border{ border-color:rgb(211, 180, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 180, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 180, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 180, 141);  
box-shadow:4px 4px 4px 4px rgb(211, 180,  
141) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 24.682, 77.024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 180, 141) }
```

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

```
.background{ background-color: rgb(211,  
180, 141) }
```

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