

Converting Colors

CIELCh(75, 24.214, 76.462)

Have a look what the booklet for
CIELCh(75, 24.214, 76.462) contains.

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Color

CIELCh(75, 24.214, 76.462)

Conversions

Conversions Part 1

Format	Color
Hex	D3B48E
RGB	211, 180, 142
RGB Percent	83%, 71%, 56%
CMY	0.1737, 0.2952, 0.4442
CMYK	0.00, 0.15, 0.33, 0.17
HSL	33°, 44%, 69%
HSV	33°, 33%, 83%
XYZ	47.9051, 48.2781, 32.2776
YIQ	184.9370, 30.6740, -5.2460

Conversions

Conversions Part 2

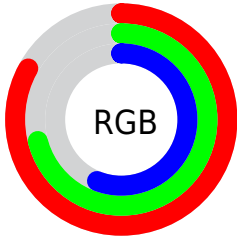
Format	Color
R _Y B	198, 211, 142
Decimal	13874318
CIE Lab	75.00, 5.67, 23.54
CIE LCh	75, 24.214, 76.462
Yxy	48.2781, 0.3729, 0.3758
Android (android.graphics.Color)	4292064398 (0xFFD3B48E)
YUV	184.9370, -21.1679, 22.8573
Hunter-Lab	69.4824, 1.4736, 21.0949

Details

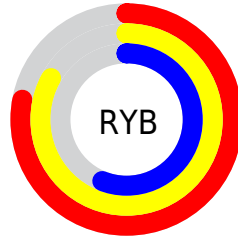
The CIELCh color $75, 24.214, 76.462$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $70, 22.742, 266.063$, and the grayscale version is $75, 0.009, 296.813$.

A 20% lighter version of the original color is $94, 21.752, 89.052$, and $55, 24.281, 76.561$ is the 20% darker color. If you saturate the color by 10%, you get $72, 32.204, 75.118$, and if you desaturate by 10%, it is $78, 16.497, 77.790$.

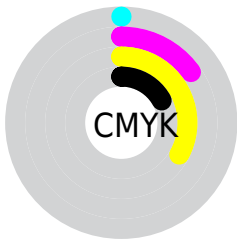
Distribution



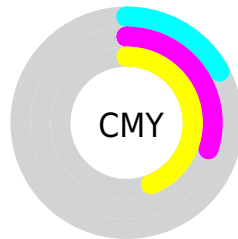
- Red (83%)
- Green (71%)
- Blue (56%)



- Red (78%)
- Yellow (83%)
- Blue (56%)



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



- Cyan (17%)
- Magenta (30%)
- Yellow (44%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 24.214, 76.462 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, 24.214, 76.462 by changing the saturation by 10% instead.

 75, 24.214, 76.462

 75, 24.214, 76.462

 100, 24.214,
76.462

 65, 24.214, 76.462

 95, 24.214, 76.462

 55, 24.214, 76.462

 45, 24.214, 76.462

 35, 24.214, 76.462

 25, 24.214, 76.462

 15, 24.214, 76.462

 5, 24.214, 76.462

 0, 24.214, 76.462

 75, 24.214, 76.462

 75, 24.214, 76.462

72, 32.204, 75.118

78, 16.497, 77.790

70, 40.409, 73.733

81, 9.063, 79.073

67, 48.692, 72.291

84, 1.905, 80.198

64, 56.755, 70.731

87, 4.998, 261.673

62, 64.037, 68.916

90, 11.668,
262.819

60, 69.647, 66.595

92, 12.670,
248.236

58, 72.586, 64.591

95, 12.518,
220.613

97, 14.777,
198.521

Harmonies

Complementary

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



75, 24.214, 76.462



70, 22.742, 266.063

Rectangle

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



75, 24.214, 76.462



75, 24.214, 126.462



75, 24.214, 256.462



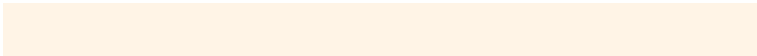
75, 24.214, 306.462

Sweetspot

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



75, 24.214, 76.469



97, 8.265, 79.399



67, 31.142, 349.720



51, 5.655, 79.223



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, 24.214, 76.469



87, 34.105, 75.568



83, 35.840, 109.241



43, 3.987, 79.485



47, 61.279, 65.211



9, 15.809, 64.947

Inverse Universe

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



70, 22.742, 266.063



79, 31.588, 267.554



62, 38.844, 295.894



42, 3.929, 262.019



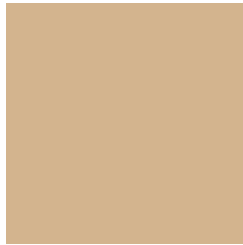
34, 58.028, 288.350



5, 17.310, 276.282

Previews

White Background



This preview shows how the CIELCh color 75, 24.214, 76.462 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, 24.214, 76.462 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, 24.214, 76.462

Background



This preview shows how black text looks on a background with the CIELCh color 75, 24.214, 76.462.



This preview shows how white text looks on a background with the CIELCh color 75, 24.214, 76.462.

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, 24.214, 76.462

Protanopia

75, 22.087, 94.307

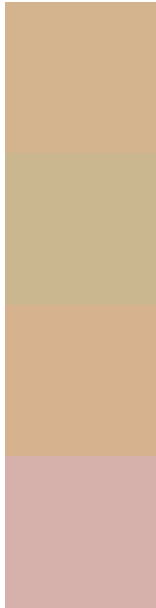
Deuteranopia

75, 25.287, 67.625



Tritanopia
75, 17.338, 357.257

Trichromacy



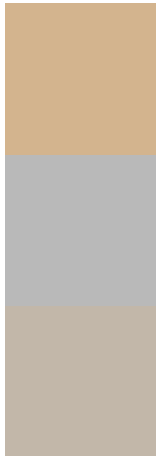
Original Color
75, 24.214, 76.462

Protanomaly
75, 22.519, 86.918

Deuteranomaly
75, 24.859, 70.480

Tritanomaly
75, 15.117, 30.761

Monochromacy



Original Color
75, 24.214, 76.462

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, 24.214, 76.462 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, 142)` looks like.

```
.text, #text, p{  
    color:rgb(211, 180, 142)  
}
```

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, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 180, 142) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 24.214, 76.462 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, 142) }
```

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

```
.border{ border-color:rgb(211, 180, 142) }
```

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, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 180, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 180, 142);  
box-shadow:4px 4px 4px 4px rgb(211, 180,  
142) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 24.214, 76.462 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, 142) }
```

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

```
.background{ background-color: rgb(211,  
180, 142) }
```

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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