

Converting Colors

CIELCh(74, 20.310, 25.677)

Have a look what the booklet for
CIELCh(74, 20.310, 25.677) contains.

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Color

CIELCh(74, 20.237, 25.655)

Conversions

Conversions Part 1

Format	Color
Hex	DDAAA7
RGB	221, 170, 167
RGB Percent	87%, 67%, 65%
CMY	0.1348, 0.3347, 0.3465
CMYK	0.00, 0.23, 0.24, 0.13
HSL	3°, 44%, 76%
HSV	3°, 24%, 87%
XYZ	50.9520, 46.7039, 42.7159
YIQ	184.9070, 31.3590, 9.8790

Conversions

Conversions Part 2

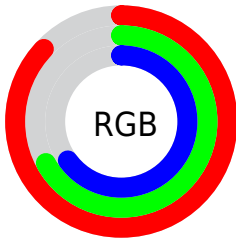
Format	Color
R _{YB}	221, 170, 167
Decimal	14527143
CIE Lab	74.00, 18.24, 8.76
CIE LCh	74, 20.237, 25.655
Yxy	46.7039, 0.3630, 0.3327
Android (android.graphics.Color)	4292717223 (0xFFDDAAA7)
YUV	184.9070, -8.8282, 31.6536
Hunter-Lab	68.3403, 13.4876, 10.7792

Details

The CIELCh color **74, 20.237, 25.655** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **84, 17.098, 203.606**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 11.134, 28.063**, and **54, 20.129, 26.476** is the 20% darker color. If you saturate the color by 10%, you get **69, 29.657, 26.605**, and if you desaturate by 10%, it is **80, 11.487, 24.948**.

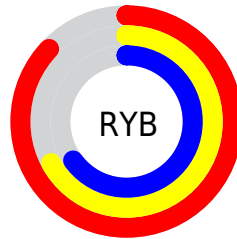
Distribution



Red (87%)

Green (67%)

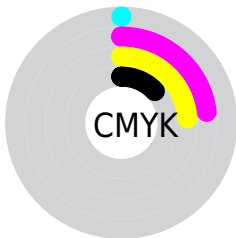
Blue (65%)



Red (87%)

Yellow (67%)

Blue (65%)

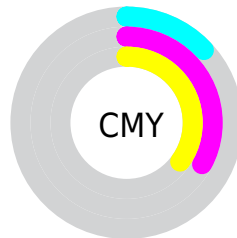


Cyan (0%)

Magenta (23%)

Yellow (24%)

Black (13%)



Cyan (13%)

Magenta (33%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 20.237, 25.655 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 74, 20.237, 25.655 by changing the saturation by 10% instead.

74, 20.237, 25.655

74, 20.237, 25.655

100, 20.237,
25.655

64, 20.237, 25.655

94, 20.237, 25.655

54, 20.237, 25.655

44, 20.237, 25.655

34, 20.237, 25.655

24, 20.237, 25.655

14, 20.237, 25.655

4, 20.237, 25.655

0, 20.237, 25.655

74, 20.237, 25.655

74, 20.237, 25.655

69, 29.657, 26.605

80, 11.487, 24.948

63, 39.711, 27.862

85, 3.404, 24.316

59, 50.274, 29.518

91, 4.054, 204.269

55, 61.128, 31.646

97, 10.943,
203.909

51, 71.908, 34.243

98, 11.602,
198.731

49, 81.965, 37.082

47, 89.887, 39.429

46, 93.021, 40.475

Harmonies

Complementary

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



74, 20.237, 25.655



84, 17.098, 203.606

Rectangle

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



74, 20.237, 25.655



74, 20.237, 75.655



74, 20.237, 205.655



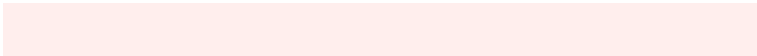
74, 20.237, 255.655

Sweetspot

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



74, 20.235, 25.662



95, 6.066, 24.499



75, 33.634, 327.177



50, 3.951, 24.536



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



74, 20.235, 25.662



81, 27.497, 26.078



81, 18.481, 77.473



43, 4.395, 24.643



36, 77.473, 40.590



6, 22.968, 23.041

Inverse Universe

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



84, 17.098, 203.606



94, 22.390, 203.511



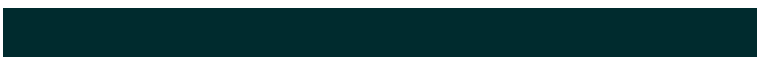
76, 17.651, 264.367



45, 4.136, 204.062



61, 34.897, 205.646



15, 14.175, 203.943

Previews

White Background



This preview shows how the CIELCh color 74, 20.237, 25.655 looks on a white background.

Color Contrast Check

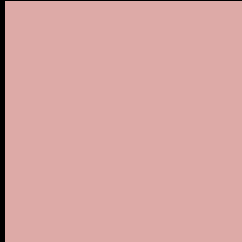
Large Text (above 18pt) WCAG AA × Fail

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 74, 20.237, 25.655 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 74, 20.237, 25.655

Background



This preview shows how black text looks on a background with the CIELCh color 74, 20.237, 25.655.

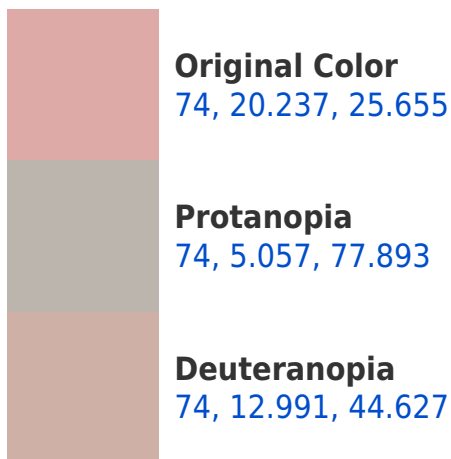


This preview shows how white text looks on a background with the CIELCh color 74, 20.237, 25.655.

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](#).

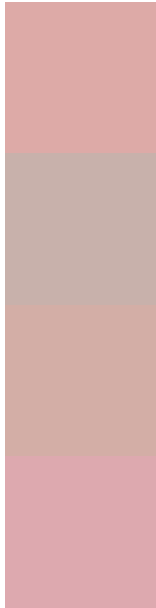
Dichromacy





Tritanopia
74, 21.670, 4.155

Trichromacy



Original Color
74, 20.237, 25.655

Protanomaly
74, 9.475, 39.937

Deuteranomaly
74, 15.243, 36.854

Tritanomaly
74, 20.413, 12.200

Monochromacy



Original Color
74, 20.237, 25.655

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 7.253, 24.181

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 20.237, 25.655 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(221, 170, 167)` looks like.

```
.text, #text, p{  
    color:rgb(221, 170, 167)  
}
```

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(221, 170, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 170, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 20.237, 25.655 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(221, 170, 167) }
```

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

```
.border{ border-color:rgb(221, 170, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 170, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 170, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 170, 167);  
box-shadow:4px 4px 4px 4px rgb(221, 170,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 20.237, 25.655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 170, 167) }
```

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

```
.background{ background-color: rgb(221,  
170, 167) }
```

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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