

Converting Colors

CIELCh(74, 20.623, 30.570)

Have a look what the booklet for
CIELCh(74, 20.623, 30.570) contains.

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Color

CIELCh(74, 20.725, 31.466)

Conversions

Conversions Part 1

Format	Color
Hex	DDAAA3
RGB	221, 170, 163
RGB Percent	87%, 67%, 64%
CMY	0.1338, 0.3337, 0.3612
CMYK	0.00, 0.23, 0.26, 0.13
HSL	7°, 46%, 75%
HSV	7°, 26%, 87%
XYZ	50.7399, 46.7039, 40.9409
YIQ	184.4510, 32.6430, 8.6350

Conversions

Conversions Part 2

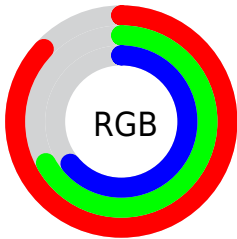
Format	Color
R _Y B	221, 171, 163
Decimal	14527139
CIE Lab	74.00, 17.68, 10.82
CIE LCh	74, 20.725, 31.466
Yxy	46.7039, 0.3667, 0.3375
Android (android.graphics.Color)	4292717219 (0xFFDDAAA3)
YUV	184.4510, -10.5753, 32.0535
Hunter-Lab	68.3403, 12.9334, 12.3191

Details

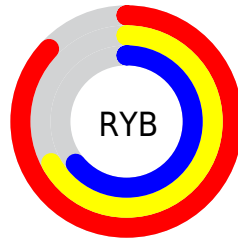
The CIELCh color **74, 20.725, 31.466** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **82, 17.235, 210.784**, and the grayscale version is **75, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 11.678, 38.011**, and **54, 20.732, 32.602** is the 20% darker color. If you saturate the color by 10%, you get **69, 29.823, 32.104**, and if you desaturate by 10%, it is **79, 12.304, 31.039**.

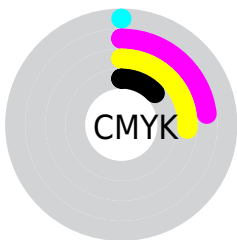
Distribution



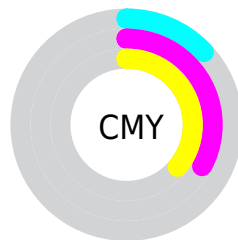
- Red (87%)
- Green (67%)
- Blue (64%)



- Red (87%)
- Yellow (67%)
- Blue (64%)



- Cyan (0%)
- Magenta (23%)
- Yellow (26%)
- Black (13%)



- Cyan (13%)
- Magenta (33%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 74, 20.725, 31.466 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, 20.725, 31.466 by changing the saturation by 10% instead.

74, 20.725, 31.466

74, 20.725, 31.466

100, 20.725,
31.466

64, 20.725, 31.466

94, 20.725, 31.466

54, 20.725, 31.466

44, 20.725, 31.466

34, 20.725, 31.466

24, 20.725, 31.466

14, 20.725, 31.466

4, 20.725, 31.466

0, 20.725, 31.466

74, 20.725, 31.466

74, 20.725, 31.466

69, 29.823, 32.104

79, 12.304, 31.039

64, 39.587, 32.996

85, 4.541, 30.701

60, 49.934, 34.211

90, 2.613, 210.927

56, 60.684, 35.784

96, 9.218, 210.719

52, 71.485, 37.674

98, 11.515,
198.737

50, 81.601, 39.615

48, 89.457, 40.893

47, 91.832, 41.356

Harmonies

Complementary

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



74, 20.725, 31.466



82, 17.235, 210.784

Rectangle

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



74, 20.725, 31.466



74, 20.725, 81.466



74, 20.725, 211.466



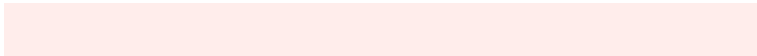
74, 20.725, 261.466

Sweetspot

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



74, 20.723, 31.473



95, 6.576, 30.768



74, 34.512, 329.331



50, 4.703, 30.818



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, 20.723, 31.473



81, 29.096, 31.824



81, 20.914, 83.492



43, 4.153, 30.813



37, 76.333, 41.609



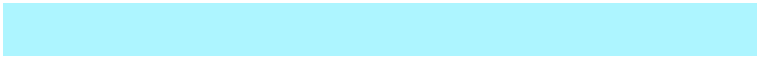
6, 22.004, 26.581

Inverse Universe

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



82, 17.235, 210.784



92, 23.055, 210.905



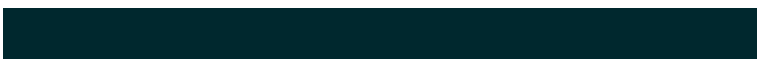
75, 20.434, 270.952



45, 3.907, 210.745



58, 32.991, 218.332



14, 13.430, 214.097

Previews

White Background



This preview shows how the CIELCh color 74, 20.725, 31.466 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, 20.725, 31.466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

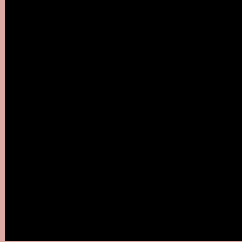
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 74, 20.725, 31.466

Background



This preview shows how black text looks on a background with the CIELCh color 74, 20.725, 31.466.

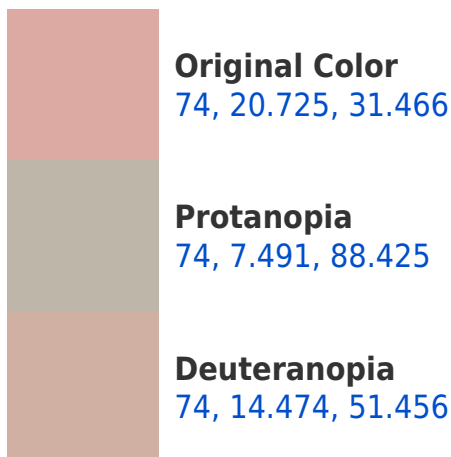


This preview shows how white text looks on a background with the CIELCh color 74, 20.725, 31.466.

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](#).

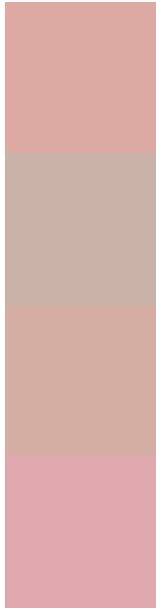
Dichromacy





Tritanopia
74, 22.557, 3.525

Trichromacy



Original Color
74, 20.725, 31.466

Protanomaly
74, 10.780, 53.200

Deuteranomaly
74, 16.502, 43.425

Tritanomaly
74, 21.223, 12.632

Monochromacy



Original Color
74, 20.725, 31.466

Achromatopsia
75, 0.009, 296.813

Achromatomaly
74, 7.060, 33.087

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 74, 20.725, 31.466 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, 163)` looks like.

```
.text, #text, p{  
    color:rgb(221, 170, 163)  
}
```

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, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 170, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 74, 20.725, 31.466 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, 163) }
```

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

```
.border{ border-color:rgb(221, 170, 163) }
```

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, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 170, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 170, 163);  
box-shadow:4px 4px 4px 4px rgb(221, 170,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 74, 20.725, 31.466 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, 163) }
```

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

```
.background{ background-color: rgb(221,  
170, 163) }
```

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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