

Converting Colors

CIELCh(73, 22.921, 20.441)

Have a look what the booklet for
CIELCh(73, 22.921, 20.441) contains.

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Color

CIELCh(73, 22.991, 21.455)

Conversions

Conversions Part 1

Format	Color
Hex	DFA5A5
RGB	223, 165, 165
RGB Percent	87%, 65%, 65%
CMY	0.1266, 0.3540, 0.3540
CMYK	0.00, 0.26, 0.26, 0.13
HSL	0°, 47%, 76%
HSV	0°, 26%, 87%
XYZ	50.5188, 45.1644, 41.5263
YIQ	182.3420, 34.5680, 12.2960

Conversions

Conversions Part 2

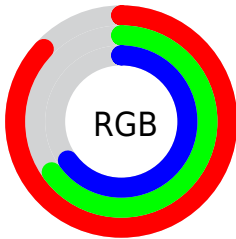
Format	Color
R _Y B	223, 165, 165
Decimal	14656933
CIE Lab	73.00, 21.40, 8.41
CIE LCh	73, 22.991, 21.455
Yxy	45.1644, 0.3682, 0.3292
Android (android.graphics.Color)	4292847013 (0xFFDFA5A5)
YUV	182.3420, -8.5496, 35.6571
Hunter-Lab	67.2044, 16.5739, 10.4072

Details

The CIELCh color **73, 22.991, 21.455** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **85, 19.283, 198.106**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 12.899, 20.288**, and **53, 23.077, 22.135** is the 20% darker color. If you saturate the color by 10%, you get **67, 33.012, 22.727**, and if you desaturate by 10%, it is **79, 13.618, 20.479**.

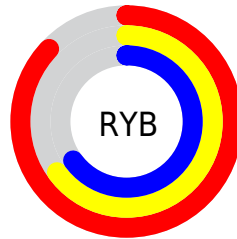
Distribution



Red (87%)

Green (65%)

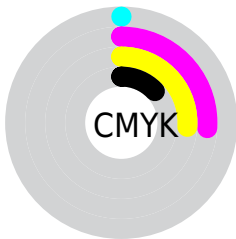
Blue (65%)



Red (87%)

Yellow (65%)

Blue (65%)

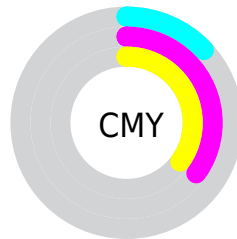


Cyan (0%)

Magenta (26%)

Yellow (26%)

Black (13%)



Cyan (13%)

Magenta (35%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 22.991, 21.455 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 73, 22.991, 21.455 by changing the saturation by 10% instead.

73, 22.991, 21.455

73, 22.991, 21.455

100, 22.991,
21.455

63, 22.991, 21.455

93, 22.991, 21.455

53, 22.991, 21.455

43, 22.991, 21.455

33, 22.991, 21.455

23, 22.991, 21.455

13, 22.991, 21.455

3, 22.991, 21.455

0, 22.991, 21.455

73, 22.991, 21.455

73, 22.991, 21.455

67, 33.012, 22.727

79, 13.618, 20.479

62, 43.586, 24.383

85, 4.926, 19.659

57, 54.510, 26.539

91, 3.111, 199.395

53, 65.473, 29.290

97, 10.542,
198.804

50, 76.042, 32.624

98, 10.919,
198.777

48, 85.506, 36.210

47, 92.307, 39.080

47, 94.409, 40.001

Harmonies

Complementary

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



73, 22.991, 21.455



85, 19.283, 198.106

Rectangle

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



73, 22.991, 21.455



73, 22.991, 71.455



73, 22.991, 201.455



73, 22.991, 251.455

Sweetspot

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



73, 22.989, 21.461



94, 7.348, 19.826



75, 37.293, 325.857



49, 5.254, 19.947



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 22.989, 21.461



79, 31.154, 22.078



80, 19.306, 72.177



44, 4.728, 19.937



36, 79.113, 39.953



6, 25.540, 20.941

Inverse Universe

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



85, 19.283, 198.106



95, 25.121, 197.873



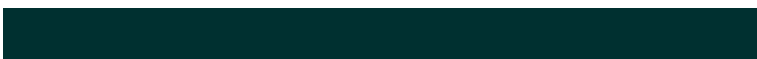
77, 17.983, 259.380



46, 4.454, 198.975



65, 37.937, 196.393



17, 15.584, 196.392

Previews

White Background



This preview shows how the CIELCh color 73, 22.991, 21.455 looks on a white background.

Color Contrast Check

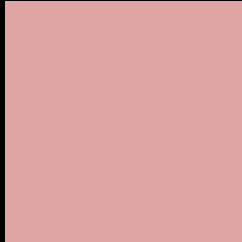
Large Text (above 18pt) WCAG AA × Fail

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 73, 22.991, 21.455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

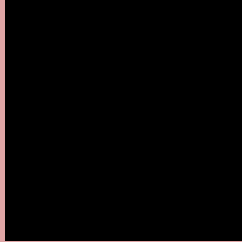
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 22.991, 21.455

Background



This preview shows how black text looks on a background with the CIELCh color 73, 22.991, 21.455.



This preview shows how white text looks on a background with the CIELCh color 73, 22.991, 21.455.

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
73, 24.531, 5.229

Trichromacy



Original Color
73, 22.991, 21.455

Protanomaly
73, 9.699, 36.226

Deuteranomaly
73, 16.169, 32.178

Tritanomaly
73, 23.759, 11.236

Monochromacy



Original Color
73, 22.991, 21.455

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 8.021, 20.023

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 22.991, 21.455 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(223, 165, 165)` looks like.

```
.text, #text, p{  
    color:rgb(223, 165, 165)  
}
```

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(223, 165, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 165, 165) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 22.991, 21.455 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(223, 165, 165) }
```

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

```
.border{ border-color:rgb(223, 165, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 165, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 165, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 165, 165);  
box-shadow:4px 4px 4px 4px rgb(223, 165,  
165) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 22.991, 21.455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 165, 165) }
```

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

```
.background{ background-color: rgb(223,  
165, 165) }
```

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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