

Converting Colors

CIELCh(75, 21.871, 57.265)

Have a look what the booklet for
CIELCh(75, 21.871, 57.265) contains.

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Color

CIELCh(75, 21.950, 57.820)

Conversions

Conversions Part 1

Format	Color
Hex	DAB097
RGB	218, 176, 151
RGB Percent	85%, 69%, 59%
CMY	0.1445, 0.3092, 0.4073
CMYK	0.00, 0.19, 0.31, 0.14
HSL	22°, 48%, 72%
HSV	22°, 31%, 86%
XYZ	50.1131, 48.2781, 36.0173
YIQ	185.7080, 33.0570, 1.1290

Conversions

Conversions Part 2

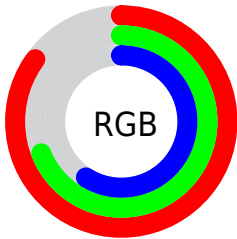
Format	Color
R _Y B	218, 191, 151
Decimal	14332055
CIE Lab	75.00, 11.69, 18.58
CIE LCh	75, 21.950, 57.820
Yxy	48.2781, 0.3728, 0.3592
Android (android.graphics.Color)	4292522135 (0xFFDAB097)
YUV	185.7080, -17.1110, 28.3201
Hunter-Lab	69.4824, 7.1461, 17.9038

Details

The CIELCh color **75, 21.950, 57.820** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **76, 18.825, 244.657**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 16.392, 77.088**, and **55, 21.977, 57.034** is the 20% darker color. If you saturate the color by 10%, you get **71, 30.124, 57.017**, and if you desaturate by 10%, it is **79, 14.303, 58.685**.

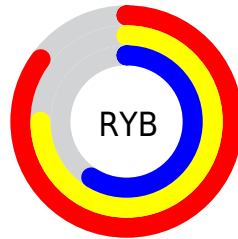
Distribution



Red (85%)

Green (69%)

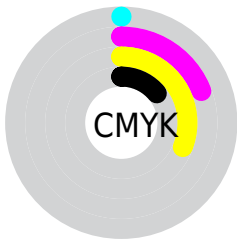
Blue (59%)



Red (85%)

Yellow (75%)

Blue (59%)

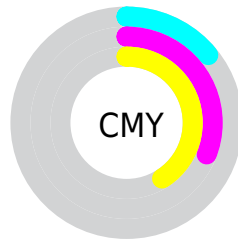


Cyan (0%)

Magenta (19%)

Yellow (31%)

Black (14%)



Cyan (14%)

Magenta (31%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 21.950, 57.820 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, 21.950, 57.820 by changing the saturation by 10% instead.

75, 21.950, 57.820

75, 21.950, 57.820

100, 21.950,
57.820

65, 21.950, 57.820

95, 21.950, 57.820

55, 21.950, 57.820

45, 21.950, 57.820

35, 21.950, 57.820

25, 21.950, 57.820

15, 21.950, 57.820

5, 21.950, 57.820

0, 21.950, 57.820

75, 21.950, 57.820

75, 21.950, 57.820

71, 30.124, 57.017

79, 14.303, 58.685

68, 38.829, 56.267

83, 7.154, 59.559

64, 48.005, 55.568

87, 0.458, 59.484

61, 57.471, 54.874

91, 5.831, 241.588

58, 66.789, 54.047

95, 10.253,
230.739

55, 75.054, 52.769

97, 12.398,
198.678

53, 81.037, 51.012

Harmonies

Complementary

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



75, 21.950, 57.820



76, 18.825, 244.657

Rectangle

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



75, 21.950, 57.820



75, 21.950, 107.820



75, 21.950, 237.820



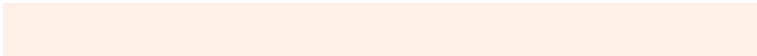
75, 21.950, 287.820

Sweetspot

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



75, 21.950, 57.828



96, 6.781, 59.698



70, 33.647, 339.544



51, 4.735, 59.574



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, 21.950, 57.828



84, 30.704, 57.286



83, 30.512, 100.753



44, 3.789, 59.668



42, 67.912, 51.606



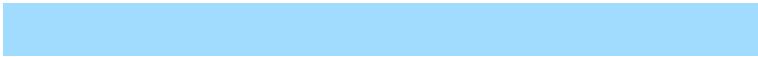
9, 18.916, 45.738

Inverse Universe

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



76, 18.825, 244.657



85, 25.341, 245.900



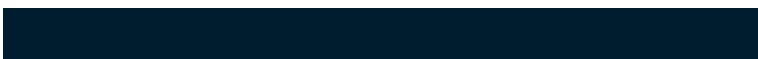
67, 32.133, 288.304



44, 3.636, 241.681



44, 41.691, 268.213



10, 14.908, 257.511

Previews

White Background



This preview shows how the CIELCh color 75, 21.950, 57.820 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, 21.950, 57.820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

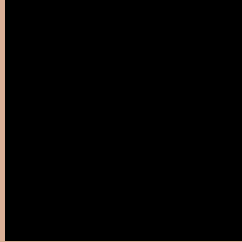
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 75, 21.950, 57.820

Background



This preview shows how black text looks on a background with the CIELCh color 75, 21.950, 57.820.



This preview shows how white text looks on a background with the CIELCh color 75, 21.950, 57.820.

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, 21.950, 57.820

Protanopia

75, 16.173, 93.010

Deuteranopia

75, 20.763, 64.090



Tritanopia
75, 20.773, 0.161

Trichromacy



Original Color
75, 21.950, 57.820

Protanomaly
75, 17.039, 77.633

Deuteranomaly
75, 21.322, 60.865

Tritanomaly
75, 18.746, 21.003

Monochromacy



Original Color
75, 21.950, 57.820

Achromatopsia
76, 0.009, 296.813

Achromatomaly
75, 7.826, 57.834

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 21.950, 57.820 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(218, 176, 151)` looks like.

```
.text, #text, p{  
    color:rgb(218, 176, 151)  
}
```

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(218, 176, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 176, 151) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 21.950, 57.820 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(218, 176, 151) }
```

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

```
.border{ border-color:rgb(218, 176, 151) }
```

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

Here you see how a box with a 4 pixel rgb(218, 176, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 176, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 176, 151);  
box-shadow:4px 4px 4px 4px rgb(218, 176,  
151) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 21.950, 57.820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 176, 151) }
```

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

```
.background{ background-color: rgb(218,  
176, 151) }
```

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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