

# Converting Colors

CIELCh(75, 19.270, 24.193)

Have a look what the booklet for  
CIELCh(75, 19.270, 24.193) contains.

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# Color

**CIELCh(75, 19.270, 24.193)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DEADAB
RGB	222, 173, 171
RGB Percent	87%, 68%, 67%
CMY	0.1300, 0.3221, 0.3299
CMYK	0.00, 0.22, 0.23, 0.13
HSL	2°, 43%, 77%
HSV	2°, 23%, 87%
XYZ	52.3365, 48.2781, 45.0220
YIQ	187.4230, 29.8460, 9.7660

# Conversions

## Conversions Part 2

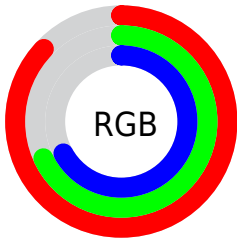
Format	Color
R <sub>Y</sub> B	222, 173, 171
Decimal	14593451
CIE Lab	75.00, 17.58, 7.90
CIE LCh	75, 19.270, 24.193
Yxy	48.2781, 0.3594, 0.3315
Android (android.graphics.Color)	4292783531 (0xFFDEADAB)
YUV	187.4230, -8.0965, 30.3240
Hunter-Lab	69.4824, 12.8578, 10.2201

# Details

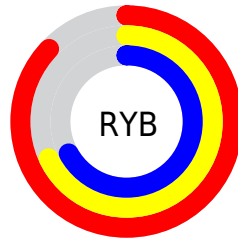
The CIELCh color **75, 19.270, 24.193** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **84, 16.480, 201.992**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **93, 9.617, 29.186**, and **55, 19.424, 23.240** is the 20% darker color. If you saturate the color by 10%, you get **69, 28.758, 25.185**, and if you desaturate by 10%, it is **81, 10.454, 23.442**.

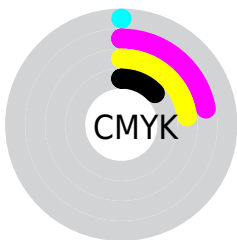
# Distribution



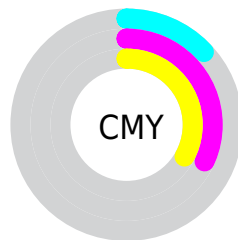
- Red (87%)
- Green (68%)
- Blue (67%)



- Red (87%)
- Yellow (68%)
- Blue (67%)



- Cyan (0%)
- Magenta (22%)
- Yellow (23%)
- Black (13%)



- Cyan (13%)
- Magenta (32%)
- Yellow (33%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 75, 19.270, 24.193 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, 19.270, 24.193 by changing the saturation by 10% instead.



 75, 19.270, 24.193

 75, 19.270, 24.193

 100, 19.270,  
24.193

 65, 19.270, 24.193

 95, 19.270, 24.193

 55, 19.270, 24.193

 45, 19.270, 24.193

 35, 19.270, 24.193

 25, 19.270, 24.193

 15, 19.270, 24.193

 5, 19.270, 24.193

 0, 19.270, 24.193

 75, 19.270, 24.193

 75, 19.270, 24.193

69, 28.758, 25.185

81, 10.454, 23.442

64, 38.880, 26.488

87, 2.307, 22.692

59, 49.508, 28.199

93, 5.213, 202.657

55, 60.419, 30.405

98, 11.199,  
198.758

52, 71.259, 33.126

49, 81.434, 36.178

47, 89.685, 38.890

47, 93.633, 40.329

# Harmonies

# Complementary

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



75, 19.270, 24.193



84, 16.480, 201.992

# Rectangle

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



75, 19.270, 24.193



75, 19.270, 74.193



75, 19.270, 204.193



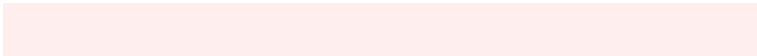
75, 19.270, 254.193

# Sweetspot

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



75, 19.268, 24.200



95, 6.161, 23.048



76, 32.104, 326.615



50, 4.013, 23.089



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, 19.268, 24.200



82, 26.832, 24.682



81, 17.201, 76.000



44, 4.549, 23.208



37, 78.572, 40.408



6, 24.855, 22.902



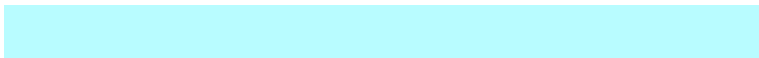


# Inverse Universe

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



84, 16.480, 201.992



95, 22.052, 201.839



78, 16.378, 262.397



46, 4.281, 202.508



63, 35.972, 202.775



17, 14.897, 201.684



# Previews

## White Background



This preview shows how the CIELCh color 75, 19.270, 24.193 looks on a white background.

## Color Contrast Check

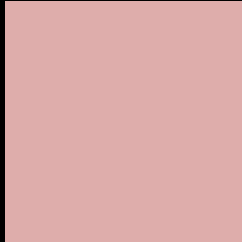
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the CIE LCh color 75, 19.270, 24.193 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

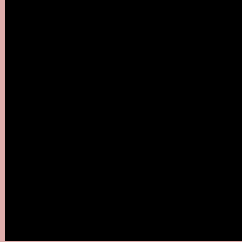
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# CIELCh 75, 19.270, 24.193

## Background



This preview shows how black text looks on a background with the CIELCh color 75, 19.270, 24.193.

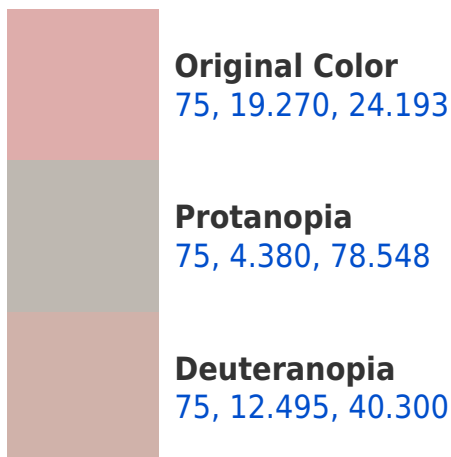



This preview shows how white text looks on a background with the CIELCh color 75, 19.270, 24.193.

# 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**  
75, 20.990, 1.978



# Trichromacy



**Original Color**  
75, 19.270, 24.193

**Protanomaly**  
75, 8.877, 37.579

**Deuteranomaly**  
75, 14.864, 32.997

**Tritanomaly**  
75, 20.002, 10.423

# Monochromacy



**Original Color**  
75, 19.270, 24.193

**Achromatopsia**  
76, 0.009, 296.813

**Achromatomaly**  
75, 6.844, 24.378

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 75, 19.270, 24.193 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(222, 173, 171)` looks like.

```
.text, #text, p{  
    color:rgb(222, 173, 171)  
}
```

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(222, 173, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 173, 171) }
```

## Border

The CSS property to change the border of an element to CIELCh 75, 19.270, 24.193 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(222, 173, 171) }
```

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

```
.border{ border-color:rgb(222, 173, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 173, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 173, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 173, 171);  
box-shadow:4px 4px 4px 4px rgb(222, 173,  
171) }
```

# Background

The CSS property to change the background color of an element to CIELCh 75, 19.270, 24.193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 173, 171) }
```

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

```
.background{ background-color: rgb(222,  
173, 171) }
```

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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