

# Converting Colors

CIELCh(73, 25.471, 9.165)

Have a look what the booklet for  
CIELCh(73, 25.471, 9.165) contains.

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# Color

**CIELCh(73, 25.536, 8.497)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2A2AD
RGB	226, 162, 173
RGB Percent	89%, 64%, 68%
CMY	0.1127, 0.3637, 0.3206
CMYK	0.00, 0.28, 0.23, 0.11
HSL	350°, 53%, 76%
HSV	350°, 28%, 89%
XYZ	51.9762, 45.1644, 45.6372
YIQ	182.3900, 34.6130, 16.9890

# Conversions

## Conversions Part 2

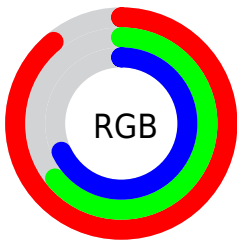
Format	Color
R <sub>Y</sub> B	226, 162, 173
Decimal	14852781
CIE Lab	73.00, 25.26, 3.77
CIE LCh	73, 25.536, 8.497
Yxy	45.1644, 0.3640, 0.3163
Android (android.graphics.Color)	4293042861 (0xFFE2A2AD)
YUV	182.3900, -4.6293, 38.2460
Hunter-Lab	67.2044, 20.4449, 6.7805

# Details

The CIELCh color  $73, 25.536, 8.497$  is a light color, and the websafe version is hex `CC9999`. A complement of this color would be  $86, 22.463, 182.896$ , and the grayscale version is  $74, 0.009, 296.813$ .

A 20% lighter version of the original color is  $90, 14.941, 358.148$ , and  $53, 25.235, 8.282$  is the 20% darker color. If you saturate the color by 10%, you get  $67, 35.310, 10.071$ , and if you desaturate by 10%, it is  $79, 16.092, 7.211$ .

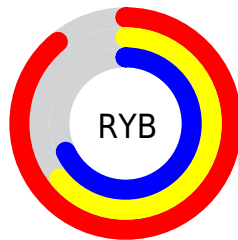
# Distribution



Red (89%)

Green (64%)

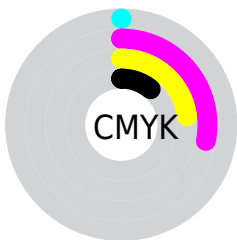
Blue (68%)



Red (89%)

Yellow (64%)

Blue (68%)

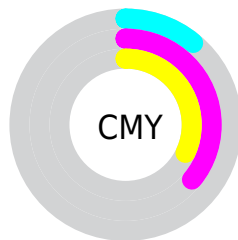


Cyan (0%)

Magenta (28%)

Yellow (23%)

Black (11%)



Cyan (11%)

Magenta (36%)


Yellow (32%)

# Brightness & Saturation Gradients


These gradients show how the CIELCh color 73, 25.536, 8.497 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, 25.536, 8.497 by changing the saturation by 10% instead.



 73, 25.536, 8.497       73, 25.536, 8.497

 100, 25.536, 8.497       63, 25.536, 8.497

 93, 25.536, 8.497       53, 25.536, 8.497

 43, 25.536, 8.497

 33, 25.536, 8.497

 23, 25.536, 8.497

 13, 25.536, 8.497

 3, 25.536, 8.497

 0, 25.536, 8.497

 73, 25.536, 8.497

 73, 25.536, 8.497

67, 35.310, 10.071

79, 16.092, 7.211

62, 45.224, 12.024

85, 7.095, 6.105

58, 54.976, 14.491

91, 1.415, 185.688

54, 64.197, 17.622

97, 9.436, 184.574

51, 72.543, 21.544

98, 9.757, 198.857

49, 79.825, 26.262

48, 86.088, 31.418

47, 87.129, 32.231

# Harmonies

# Complementary

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



73, 25.536, 8.497



86, 22.463, 182.896

# Rectangle

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



73, 25.536, 8.497



73, 25.536, 58.497



73, 25.536, 188.497



73, 25.536, 238.497

# Sweetspot

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



73, 25.534, 8.501



95, 7.537, 6.079



73, 39.146, 320.578



50, 5.379, 6.241



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, 25.534, 8.501



78, 34.265, 9.393



78, 20.750, 51.697



44, 4.842, 6.228



37, 71.540, 31.289



6, 25.286, 13.673





# Inverse Universe

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



73, 25.534, 8.501



78, 34.265, 9.393



80, 17.611, 236.609



44, 4.842, 6.228



37, 71.540, 31.289

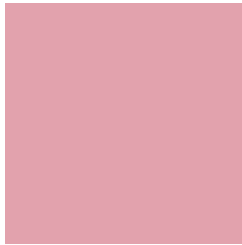


6, 25.286, 13.673



# Previews

## White Background



This preview shows how the CIELCh color 73, 25.536, 8.497 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, 25.536, 8.497 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, 25.536, 8.497**

## **Background**



This preview shows how black text looks on a background with the CIELCh color 73, 25.536, 8.497.

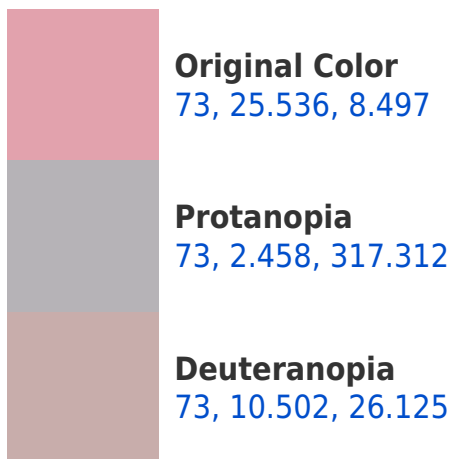


This preview shows how white text looks on a background with the CIELCh color 73, 25.536, 8.497.

# 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

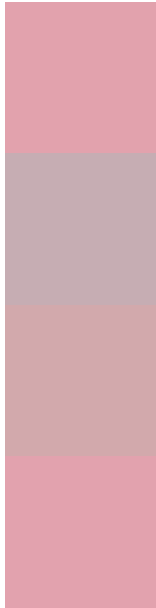




**Tritanopia**  
73, 25.608, 7.311



# Trichromacy



**Original Color**  
73, 25.536, 8.497

**Protanomaly**  
73, 10.040, 1.426

**Deuteranomaly**  
73, 15.992, 15.026

**Tritanomaly**  
73, 25.608, 7.311

# Monochromacy



**Original Color**  
73, 25.536, 8.497

**Achromatopsia**  
74, 0.009, 296.813

**Achromatomaly**  
74, 9.380, 6.892

# CSS Examples

## Text

The CSS property to change the color of the text to CIELCh 73, 25.536, 8.497 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(226, 162, 173)` looks like.

```
.text, #text, p{  
    color:rgb(226, 162, 173)  
}
```

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(226, 162, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 162, 173) }
```

## Border

The CSS property to change the border of an element to CIELCh 73, 25.536, 8.497 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(226, 162, 173) }
```

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

```
.border{ border-color:rgb(226, 162, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 162, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 162, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 162, 173); box-shadow:4px 4px 4px 4px rgb(226, 162, 173) }
```

# Background

The CSS property to change the background color of an element to CIELCh 73, 25.536, 8.497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 162, 173) }
```

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

```
.background{ background-color: rgb(226,  
162, 173) }
```

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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