

Converting Colors

CIELCh(73, 24.273, 21.593)

Have a look what the booklet for
CIELCh(73, 24.273, 21.593) contains.

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Color

CIELCh(73, 24.242, 21.580)

Conversions

Conversions Part 1

Format	Color
Hex	E1A4A4
RGB	225, 164, 164
RGB Percent	88%, 64%, 64%
CMY	0.1182, 0.3574, 0.3574
CMYK	0.00, 0.27, 0.27, 0.12
HSL	0°, 50%, 76%
HSV	0°, 27%, 88%
XYZ	50.9484, 45.1644, 41.0925
YIQ	182.2390, 36.3560, 12.9320

Conversions

Conversions Part 2

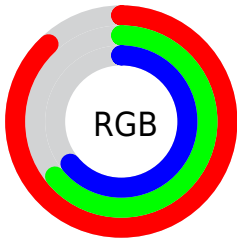
Format	Color
R _Y B	225, 164, 164
Decimal	14787748
CIE Lab	73.00, 22.54, 8.92
CIE LCh	73, 24.242, 21.580
Yxy	45.1644, 0.3713, 0.3292
Android (android.graphics.Color)	4292977828 (0xFFE1A4A4)
YUV	182.2390, -8.9918, 37.5014
Hunter-Lab	67.2044, 17.7151, 10.7899

Details

The CIELCh color **73, 24.242, 21.580** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **86, 20.165, 198.056**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 13.288, 20.321**, and **53, 23.993, 22.264** is the 20% darker color. If you saturate the color by 10%, you get **67, 34.409, 22.891**, and if you desaturate by 10%, it is **79, 14.721, 20.577**.

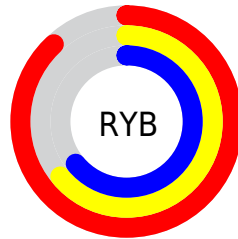
Distribution



Red (88%)

Green (64%)

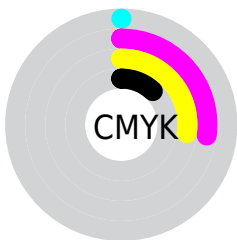
Blue (64%)



Red (88%)

Yellow (64%)

Blue (64%)

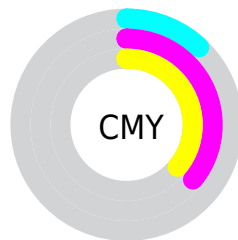


Cyan (0%)

Magenta (27%)

Yellow (27%)

Black (12%)



Cyan (12%)

Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 24.242, 21.580 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, 24.242, 21.580 by changing the saturation by 10% instead.

73, 24.242, 21.580

73, 24.242, 21.580

100, 24.242,
21.580

63, 24.242, 21.580

93, 24.242, 21.580

53, 24.242, 21.580

43, 24.242, 21.580

33, 24.242, 21.580

23, 24.242, 21.580

13, 24.242, 21.580

3, 24.242, 21.580

0, 24.242, 21.580

73, 24.242, 21.580

73, 24.242, 21.580

67, 34.409, 22.891

79, 14.721, 20.577

62, 45.117, 24.597

85, 5.886, 19.751

57, 56.148, 26.817

91, 2.283, 199.523

53, 67.177, 29.639

98, 9.835, 198.854

50, 77.748, 33.029

98, 10.218,
198.825

48, 87.082, 36.599

47, 93.549, 39.328

47, 95.092, 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, 24.242, 21.580



86, 20.165, 198.056

Rectangle

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



73, 24.242, 21.580



73, 24.242, 71.580



73, 24.242, 201.580



73, 24.242, 251.580

Sweetspot

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



73, 24.240, 21.585



94, 7.348, 19.827



75, 39.147, 325.916



49, 5.254, 19.948



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, 24.240, 21.585



78, 33.408, 22.341



80, 20.325, 72.039



44, 4.728, 19.938



36, 79.113, 39.953



6, 25.540, 20.941

Inverse Universe

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



86, 20.165, 198.056



95, 26.522, 197.787



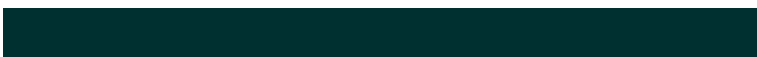
77, 18.868, 259.588



46, 4.454, 198.975



65, 37.937, 196.395



17, 15.584, 196.393

Previews

White Background



This preview shows how the CIELCh color 73, 24.242, 21.580 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, 24.242, 21.580 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, 24.242, 21.580

Background



This preview shows how black text looks on a background with the CIELCh color 73, 24.242, 21.580.

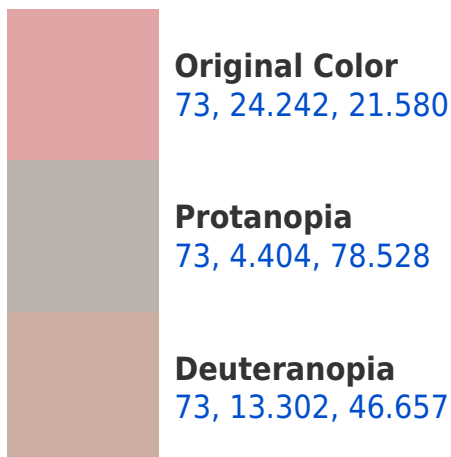



This preview shows how white text looks on a background with the CIELCh color 73, 24.242, 21.580.

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, 25.693, 6.132

Trichromacy



Original Color
73, 24.242, 21.580

Protanomaly
73, 10.327, 32.231

Deuteranomaly
73, 16.723, 33.693

Tritanomaly
73, 24.966, 11.876

Monochromacy



Original Color
73, 24.242, 21.580

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 8.809, 20.100

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 24.242, 21.580 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(225, 164, 164)` looks like.

```
.text, #text, p{  
    color:rgb(225, 164, 164)  
}
```

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(225, 164, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 164, 164) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 24.242, 21.580 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(225, 164, 164) }
```

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

```
.border{ border-color:rgb(225, 164, 164) }
```

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

Here you see how a box with a 4 pixel rgb(225, 164, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 164, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 164, 164);  
box-shadow:4px 4px 4px 4px rgb(225, 164,  
164) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 24.242, 21.580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 164, 164) }
```

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

```
.background{ background-color: rgb(225,  
164, 164) }
```

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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