

Converting Colors

CIELCh(73, 25.647, 21.699)

Have a look what the booklet for
CIELCh(73, 25.647, 21.699) contains.

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Color

CIELCh(73, 25.497, 21.707)

Conversions

Conversions Part 1

Format	Color
Hex	E3A3A3
RGB	227, 163, 163
RGB Percent	89%, 64%, 64%
CMY	0.1098, 0.3608, 0.3608
CMYK	0.00, 0.28, 0.28, 0.11
HSL	0°, 53%, 76%
HSV	0°, 28%, 89%
XYZ	51.3810, 45.1644, 40.6556
YIQ	182.1360, 38.1440, 13.5680

Conversions

Conversions Part 2

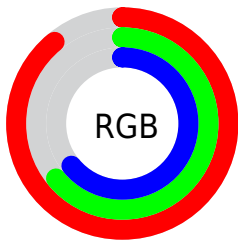
Format	Color
R _Y B	227, 163, 163
Decimal	14918563
CIE Lab	73.00, 23.69, 9.43
CIE LCh	73, 25.497, 21.707
Yxy	45.1644, 0.3745, 0.3292
Android (android.graphics.Color)	4293108643 (0xFFE3A3A3)
YUV	182.1360, -9.4340, 39.3457
Hunter-Lab	67.2044, 18.8639, 11.1754

Details

The CIELCh color **73, 25.497, 21.707** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **86, 21.036, 198.008**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **90, 13.679, 20.354**, and **53, 25.349, 22.450** is the 20% darker color. If you saturate the color by 10%, you get **67, 35.809, 23.057**, and if you desaturate by 10%, it is **79, 15.829, 20.676**.

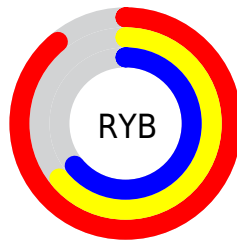
Distribution



Red (89%)

Green (64%)

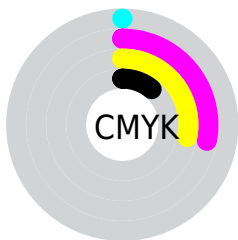
Blue (64%)



Red (89%)

Yellow (64%)

Blue (64%)

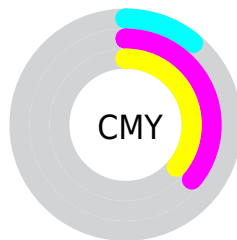


Cyan (0%)

Magenta (28%)

Yellow (28%)

Black (11%)



Cyan (11%)

Magenta (36%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 25.497, 21.707 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, 25.497, 21.707 by changing the saturation by 10% instead.

73, 25.497, 21.707

73, 25.497, 21.707

100, 25.497,
21.707

63, 25.497, 21.707

93, 25.497, 21.707

53, 25.497, 21.707

43, 25.497, 21.707

33, 25.497, 21.707

23, 25.497, 21.707

13, 25.497, 21.707

3, 25.497, 21.707

0, 25.497, 21.707

73, 25.497, 21.707

73, 25.497, 21.707

67, 35.809, 23.057

79, 15.829, 20.676

62, 46.647, 24.815

85, 6.853, 19.840

57, 57.781, 27.099

91, 1.450, 199.736

53, 68.868, 29.991

98, 9.123, 198.905

50, 79.431, 33.431

98, 9.517, 198.874

48, 88.615, 36.971

48, 94.789, 39.576

47, 95.770, 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, 25.497, 21.707



86, 21.036, 198.008

Rectangle

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



73, 25.497, 21.707



73, 25.497, 71.707



73, 25.497, 201.707



73, 25.497, 251.707

Sweetspot

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



73, 25.495, 21.712



94, 7.348, 19.828



75, 40.992, 325.974



49, 5.254, 19.949



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, 25.495, 21.712



77, 34.545, 22.479



81, 21.345, 71.902



45, 4.816, 19.941



37, 79.983, 39.972



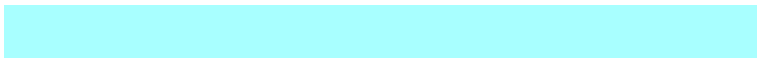
6, 27.103, 21.761

Inverse Universe

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



86, 21.036, 198.008



95, 27.209, 197.747



77, 19.749, 259.798



47, 4.536, 198.975



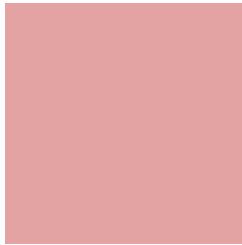
66, 38.343, 196.397



18, 16.090, 196.395

Previews

White Background



This preview shows how the CIELCh color 73, 25.497, 21.707 looks on a white background.

Color Contrast Check

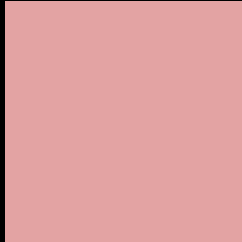
Large Text (above 18pt) WCAG AA × Fail

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 73, 25.497, 21.707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

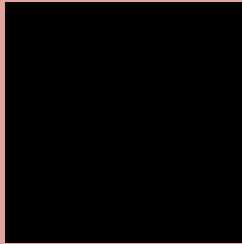
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 73, 25.497, 21.707

Background



This preview shows how black text looks on a background with the CIELCh color 73, 25.497, 21.707.



This preview shows how white text looks on a background with the CIELCh color 73, 25.497, 21.707.

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

73, 25.497, 21.707

Protanopia

73, 4.877, 81.734

Deuteranopia

73, 13.939, 47.840



Tritanopia
73, 26.863, 6.973

Trichromacy



Original Color
73, 25.497, 21.707

Protanomaly
73, 10.862, 34.565

Deuteranomaly
73, 17.541, 33.158

Tritanomaly
73, 26.178, 12.472

Monochromacy



Original Color
73, 25.497, 21.707

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, 25.497, 21.707 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(227, 163, 163)` looks like.

```
.text, #text, p{  
    color:rgb(227, 163, 163)  
}
```

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(227, 163, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 163, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 25.497, 21.707 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(227, 163, 163) }
```

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

```
.border{ border-color:rgb(227, 163, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 163, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 163, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 163, 163);  
box-shadow:4px 4px 4px 4px rgb(227, 163,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 25.497, 21.707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 163, 163) }
```

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

```
.background{ background-color: rgb(227,  
163, 163) }
```

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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