

Converting Colors

CIELCh(75, 24.823, 13.039)

Have a look what the booklet for
CIELCh(75, 24.823, 13.039) contains.

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Color

CIELCh(75, 24.794, 13.024)

Conversions

Conversions Part 1

Format	Color
Hex	E7A8AF
RGB	231, 168, 175
RGB Percent	91%, 66%, 69%
CMY	0.0928, 0.3399, 0.3125
CMYK	0.00, 0.27, 0.24, 0.09
HSL	353°, 57%, 78%
HSV	353°, 27%, 91%
XYZ	54.8976, 48.2781, 47.1481
YIQ	187.6350, 35.3010, 15.5330

Conversions

Conversions Part 2

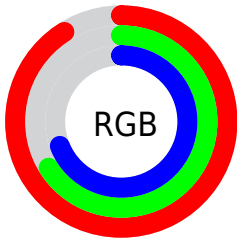
Format	Color
R _Y B	231, 168, 175
Decimal	15181999
CIE Lab	75.00, 24.16, 5.59
CIE LCh	75, 24.794, 13.024
Yxy	48.2781, 0.3652, 0.3212
Android (android.graphics.Color)	4293372079 (0xFFE7A8AF)
YUV	187.6350, -6.2291, 38.0311
Hunter-Lab	69.4824, 19.4372, 8.4058

Details

The CIELCh color **75, 24.794, 13.024** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **88, 21.439, 188.094**, and the grayscale version is **76, 0.009, 296.813**.

A 20% lighter version of the original color is **92, 11.666, 4.864**, and **55, 24.919, 12.012** is the 20% darker color. If you saturate the color by 10%, you get **69, 34.827, 14.533**, and if you desaturate by 10%, it is **81, 15.219, 11.810**.

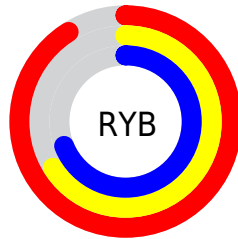
Distribution



Red (91%)

Green (66%)

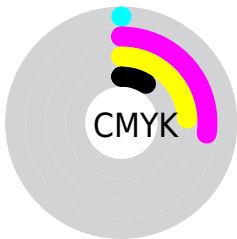
Blue (69%)



Red (91%)

Yellow (66%)

Blue (69%)

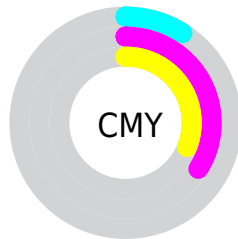


Cyan (0%)

Magenta (27%)

Yellow (24%)

Black (9%)



Cyan (9%)

Magenta (34%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 75, 24.794, 13.024 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, 24.794, 13.024 by changing the saturation by 10% instead.

 75, 24.794, 13.024

 75, 24.794, 13.024

 100, 24.794,
13.024

 65, 24.794, 13.024

 95, 24.794, 13.024

 55, 24.794, 13.024

 45, 24.794, 13.024

 35, 24.794, 13.024

 25, 24.794, 13.024

 15, 24.794, 13.024

 5, 24.794, 13.024

 0, 24.794, 13.024

 75, 24.794, 13.024

 75, 24.794, 13.024

69, 34.827, 14.533

81, 15.219, 11.810

64, 45.161, 16.428

87, 6.189, 10.770

59, 55.528, 18.840

94, 2.279, 190.311

55, 65.582, 21.907

98, 8.074, 198.977

52, 74.966, 25.721

50, 83.384, 30.198

49, 90.488, 34.842

48, 92.228, 35.937

Harmonies

Complementary

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



75, 24.794, 13.024



88, 21.439, 188.094

Rectangle

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



75, 24.794, 13.024



75, 24.794, 63.024



75, 24.794, 193.024



75, 24.794, 243.024

Sweetspot

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



75, 24.792, 13.029



95, 7.421, 10.852



76, 39.006, 322.540



50, 5.300, 11.005



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, 24.792, 13.029



78, 33.048, 13.881



81, 20.188, 59.256



45, 4.859, 10.995



37, 75.271, 35.145



6, 26.797, 17.156

Inverse Universe

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



75, 24.792, 13.029



78, 33.048, 13.881



81, 17.726, 245.420



45, 4.859, 10.995



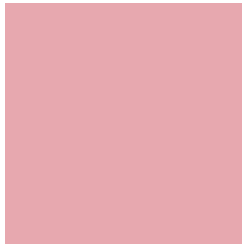
37, 75.271, 35.145



6, 26.797, 17.156

Previews

White Background



This preview shows how the CIELCh color 75, 24.794, 13.024 looks on a white background.

Color Contrast Check

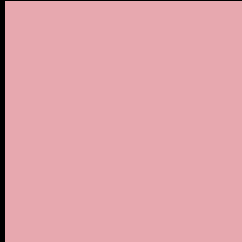
Large Text (above 18pt) WCAG AA × Fail

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, 24.794, 13.024 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, 24.794, 13.024

Background



This preview shows how black text looks on a background with the CIELCh color 75, 24.794, 13.024.



This preview shows how white text looks on a background with the CIELCh color 75, 24.794, 13.024.

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, 24.794, 13.024

Protanopia

75, 1.491, 19.179

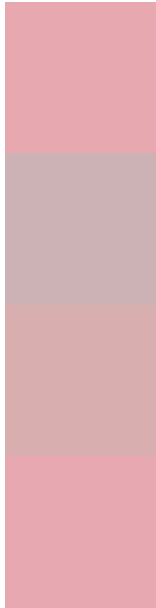
Deuteranopia

75, 11.333, 36.667



Tritanopia
75, 25.442, 7.213

Trichromacy



Original Color
75, 24.794, 13.024

Protanomaly
75, 10.019, 10.974

Deuteranomaly
75, 15.955, 22.648

Tritanomaly
75, 25.305, 9.593

Monochromacy



Original Color
75, 24.794, 13.024

Achromatopsia
76, 0.009, 296.813

Achromatomaly
76, 8.782, 13.084

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 75, 24.794, 13.024 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(231, 168, 175)` looks like.

```
.text, #text, p{  
    color:rgb(231, 168, 175)  
}
```

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(231, 168, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 168, 175) }
```

Border

The CSS property to change the border of an element to CIELCh 75, 24.794, 13.024 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(231, 168, 175) }
```

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

```
.border{ border-color:rgb(231, 168, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 168, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 168, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 168, 175);  
box-shadow:4px 4px 4px 4px rgb(231, 168,  
175) }
```

Background

The CSS property to change the background color of an element to CIELCh 75, 24.794, 13.024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 168, 175) }
```

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

```
.background{ background-color: rgb(231,  
168, 175) }
```

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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