

Converting Colors

CIELCh(72, 31.427, 24.575)

Have a look what the booklet for
CIELCh(72, 31.427, 24.575) contains.

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Color

CIELCh(72, 31.681, 24.272)

Conversions

Conversions Part 1

Format	Color
Hex	EA9C9A
RGB	234, 156, 154
RGB Percent	92%, 61%, 60%
CMY	0.0819, 0.3878, 0.3957
CMYK	0.00, 0.33, 0.34, 0.08
HSL	2°, 66%, 76%
HSV	2°, 34%, 92%
XYZ	51.7152, 43.6590, 36.3170
YIQ	179.0940, 47.1300, 15.9140

Conversions

Conversions Part 2

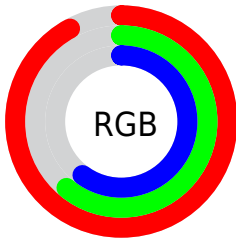
Format	Color
R _Y B	234, 156, 154
Decimal	15375514
CIE Lab	72.00, 28.88, 13.02
CIE LCh	72, 31.681, 24.272
Yxy	43.6590, 0.3927, 0.3315
Android (android.graphics.Color)	4293565594 (0xFFEA9C9A)
YUV	179.0940, -12.3713, 48.1526
Hunter-Lab	66.0750, 24.0762, 13.6648

Details

The CIELCh color **72, 31.681, 24.272** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87, 24.857, 200.225**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 16.617, 25.927**, and **52, 31.524, 24.387** is the 20% darker color. If you saturate the color by 10%, you get **67, 42.429, 25.716**, and if you desaturate by 10%, it is **78, 21.563, 23.182**.

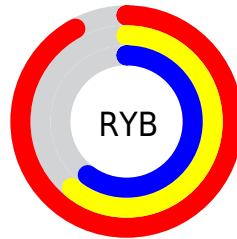
Distribution



Red (92%)

Green (61%)

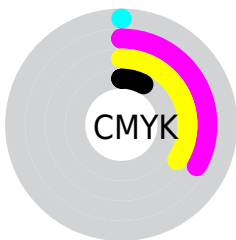
Blue (60%)



Red (92%)

Yellow (61%)

Blue (60%)

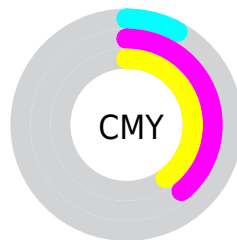


Cyan (0%)

Magenta (33%)

Yellow (34%)

Black (8%)



Cyan (8%)

Magenta (39%)

Yellow (40%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 31.681, 24.272 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 72, 31.681, 24.272 by changing the saturation by 10% instead.

 72, 31.681, 24.272

 72, 31.681, 24.272

 100, 31.681,
24.272

 62, 31.681, 24.272

 92, 31.681, 24.272

 52, 31.681, 24.272

 42, 31.681, 24.272

 32, 31.681, 24.272

 22, 31.681, 24.272

 12, 31.681, 24.272

 2, 31.681, 24.272

 0, 31.681, 24.272

 72, 31.681, 24.272

 72, 31.681, 24.272

67, 42.429, 25.716

78, 21.563, 23.182

62, 53.653, 27.601

84, 12.148, 22.339

57, 65.080, 30.020

90, 3.438, 21.587

54, 76.303, 32.982

96, 4.604, 201.430

51, 86.641, 36.244

99, 7.149, 199.046

50, 94.620, 39.003

49, 97.714, 40.196

Harmonies

Complementary

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



72, 31.681, 24.272



87, 24.857, 200.225

Rectangle

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



72, 31.681, 24.272



72, 31.681, 74.272



72, 31.681, 204.272



72, 31.681, 254.272

Sweetspot

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



72, 31.679, 24.277



93, 9.032, 22.039



74, 50.213, 326.757



49, 6.198, 22.140



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



72, 31.679, 24.277



74, 41.776, 25.244



81, 27.124, 72.845



46, 4.785, 21.998



38, 80.499, 40.262



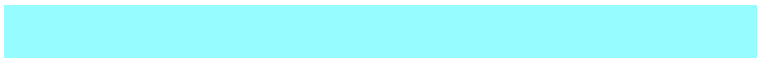
7, 28.018, 24.017

Inverse Universe

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



87, 24.857, 200.225



93, 30.946, 200.042



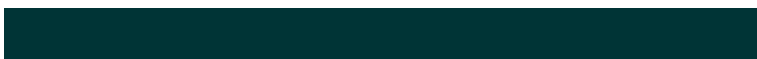
77, 24.880, 262.865



48, 4.503, 201.194



65, 37.422, 200.385



19, 16.104, 199.781

Previews

White Background



This preview shows how the CIELCh color 72, 31.681, 24.272 looks on a white background.

Color Contrast Check

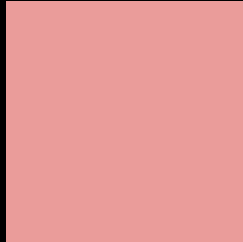
Large Text (above 18pt) WCAG AA × Fail

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 72, 31.681, 24.272 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 72, 31.681, 24.272

Background



This preview shows how black text looks on a background with the CIELCh color 72, 31.681, 24.272.

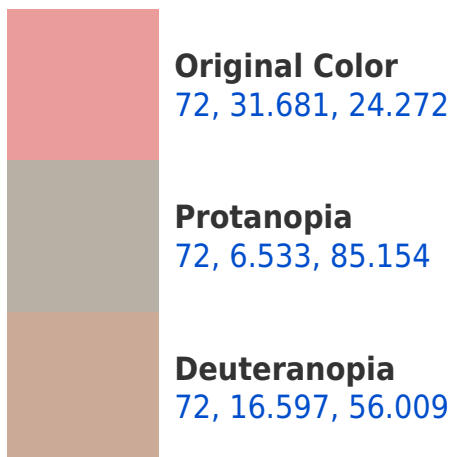


This preview shows how white text looks on a background with the CIELCh color 72, 31.681, 24.272.

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](#).

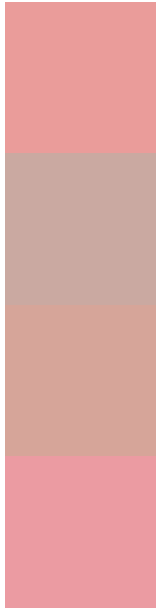
Dichromacy





Tritanopia
72, 32.461, 11.244

Trichromacy



Original Color
72, 31.681, 24.272

Protanomaly
72, 13.789, 38.648

Deuteranomaly
72, 20.990, 38.872

Tritanomaly
72, 31.999, 15.820

Monochromacy



Original Color
72, 31.681, 24.272

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 10.857, 23.140

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 31.681, 24.272 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(234, 156, 154)` looks like.

```
.text, #text, p{  
    color:rgb(234, 156, 154)  
}
```

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(234, 156, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 156, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 31.681, 24.272 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(234, 156, 154) }
```

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

```
.border{ border-color:rgb(234, 156, 154) }
```

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

Here you see how a box with a 4 pixel rgb(234, 156, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 156, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 156, 154);  
box-shadow:4px 4px 4px 4px rgb(234, 156,  
154) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 31.681, 24.272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 156, 154) }
```

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

```
.background{ background-color: rgb(234,  
156, 154) }
```

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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