

Converting Colors

CIELCh(72, 30.202, 22.177)

Have a look what the booklet for
CIELCh(72, 30.202, 22.177) contains.

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Color

CIELCh(72, 30.221, 22.225)

Conversions

Conversions Part 1

Format	Color
Hex	E89D9D
RGB	232, 157, 157
RGB Percent	91%, 62%, 62%
CMY	0.0905, 0.3846, 0.3846
CMYK	0.00, 0.32, 0.32, 0.09
HSL	0°, 62%, 76%
HSV	0°, 32%, 91%
XYZ	51.3721, 43.6590, 37.5820
YIQ	179.4250, 44.7000, 15.9000

Conversions

Conversions Part 2

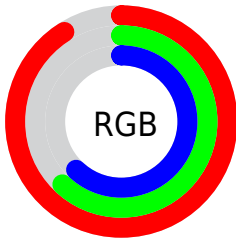
Format	Color
R _Y B	232, 157, 157
Decimal	15244701
CIE Lab	72.00, 27.98, 11.43
CIE LCh	72, 30.221, 22.225
Yxy	43.6590, 0.3874, 0.3292
Android (android.graphics.Color)	4293434781 (0xFFE89D9D)
YUV	179.4250, -11.0555, 46.1083
Hunter-Lab	66.0750, 23.1493, 12.5296

Details

The CIELCh color **72, 30.221, 22.225** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **87, 24.147, 197.822**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 16.046, 20.560**, and **52, 30.365, 22.173** is the 20% darker color. If you saturate the color by 10%, you get **66, 40.958, 23.736**, and if you desaturate by 10%, it is **78, 20.099, 21.075**.

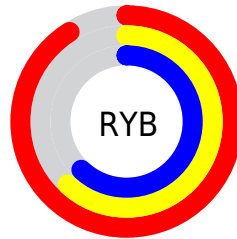
Distribution



Red (91%)

Green (62%)

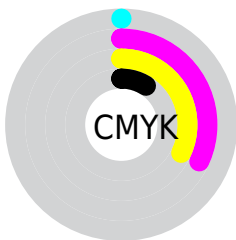
Blue (62%)



Red (91%)

Yellow (62%)

Blue (62%)

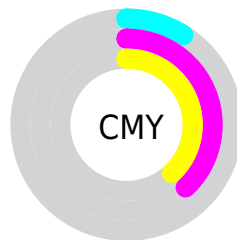


Cyan (0%)

Magenta (32%)

Yellow (32%)

Black (9%)



Cyan (9%)

Magenta (38%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 30.221, 22.225 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, 30.221, 22.225 by changing the saturation by 10% instead.

72, 30.221, 22.225

72, 30.221, 22.225

100, 30.221,
22.225

62, 30.221, 22.225

92, 30.221, 22.225

52, 30.221, 22.225

42, 30.221, 22.225

32, 30.221, 22.225

22, 30.221, 22.225

12, 30.221, 22.225

2, 30.221, 22.225

0, 30.221, 22.225

72, 30.221, 22.225

72, 30.221, 22.225

66, 40.958, 23.736

78, 20.099, 21.075

61, 52.148, 25.704

84, 10.672, 20.171

57, 63.507, 28.242

90, 1.943, 19.233

53, 74.635, 31.392

97, 6.124, 199.122

51, 84.937, 34.969

98, 7.885, 198.991

49, 93.186, 38.251

48, 97.331, 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.



72, 30.221, 22.225



87, 24.147, 197.822

Rectangle

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



72, 30.221, 22.225



72, 30.221, 72.225



72, 30.221, 202.225



72, 30.221, 252.225

Sweetspot

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



72, 30.219, 22.230



93, 9.259, 19.987



74, 47.737, 326.195



49, 6.352, 20.100



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, 30.219, 22.230



74, 40.328, 23.219



81, 25.161, 71.375



45, 4.816, 19.939



37, 79.983, 39.972



6, 27.104, 21.760

Inverse Universe

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



87, 24.147, 197.822



94, 30.519, 197.543



77, 22.979, 260.643



47, 4.537, 198.973



66, 38.344, 196.394



18, 16.091, 196.392

Previews

White Background



This preview shows how the CIELCh color 72, 30.221, 22.225 looks on a white background.

Color Contrast Check

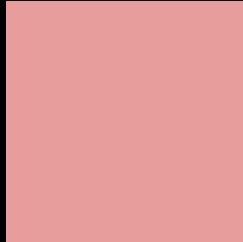
Large Text (above 18pt) WCAG AA × Fail

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, 30.221, 22.225 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, 30.221, 22.225

Background



This preview shows how black text looks on a background with the CIELCh color 72, 30.221, 22.225.

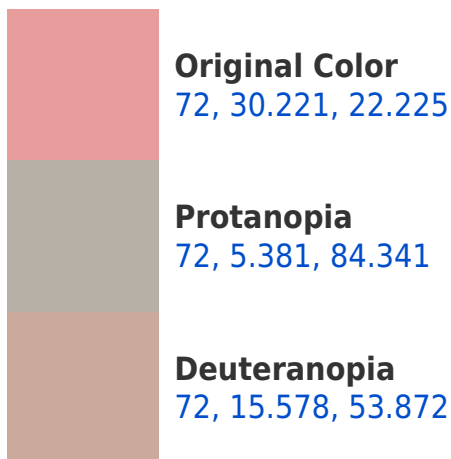


This preview shows how white text looks on a background with the CIELCh color 72, 30.221, 22.225.

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](#).

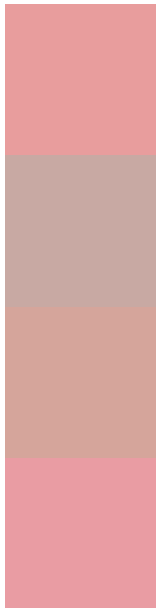
Dichromacy





Tritanopia
72, 31.251, 10.649

Trichromacy



Original Color
72, 30.221, 22.225

Protanomaly
72, 12.639, 35.213

Deuteranomaly
72, 20.176, 36.424

Tritanomaly
72, 30.756, 15.405

Monochromacy



Original Color
72, 30.221, 22.225

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 10.424, 20.264

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 30.221, 22.225 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(232, 157, 157)` looks like.

```
.text, #text, p{  
    color:rgb(232, 157, 157)  
}
```

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(232, 157, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 157, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 30.221, 22.225 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(232, 157, 157) }
```

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

```
.border{ border-color:rgb(232, 157, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 157, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 157, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 157, 157);  
box-shadow:4px 4px 4px 4px rgb(232, 157,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 30.221, 22.225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 157, 157) }
```

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

```
.background{ background-color: rgb(232,  
157, 157) }
```

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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