

Converting Colors

CIELCh(72, 30.799, 22.288)

Have a look what the booklet for
CIELCh(72, 30.799, 22.288) contains.

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Color

CIELCh(72, 30.718, 23.250)

Conversions

Conversions Part 1

Format	Color
Hex	E99D9C
RGB	233, 157, 156
RGB Percent	91%, 62%, 61%
CMY	0.0877, 0.3856, 0.3895
CMYK	0.00, 0.33, 0.33, 0.09
HSL	1°, 63%, 76%
HSV	1°, 33%, 91%
XYZ	51.4659, 43.6590, 37.0264
YIQ	179.6100, 45.6170, 15.8010

Conversions

Conversions Part 2

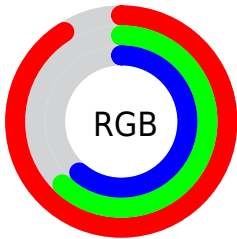
Format	Color
R _Y B	233, 157, 156
Decimal	15310236
CIE Lab	72.00, 28.22, 12.13
CIE LCh	72, 30.718, 23.250
Yxy	43.6590, 0.3894, 0.3304
Android (android.graphics.Color)	4293500316 (0xFFE99D9C)
YUV	179.6100, -11.6397, 46.8230
Hunter-Lab	66.0750, 23.4026, 13.0282

Details

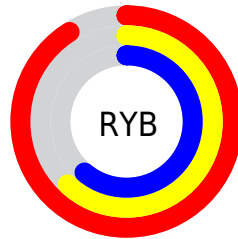
The CIELCh color **72, 30.718, 23.250** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87, 24.355, 199.049**, and the grayscale version is **73, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 16.143, 24.216**, and **52, 30.471, 23.227** is the 20% darker color. If you saturate the color by 10%, you get **66, 41.433, 24.719**, and if you desaturate by 10%, it is **78, 20.627, 22.136**.

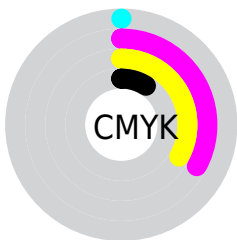
Distribution



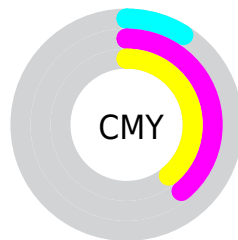
- Red (91%)
- Green (62%)
- Blue (61%)



- Red (91%)
- Yellow (62%)
- Blue (61%)



- Cyan (0%)
- Magenta (33%)
- Yellow (33%)
- Black (9%)



- Cyan (9%)
- Magenta (39%)
- Yellow (39%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 30.718, 23.250 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, 30.718, 23.250 by changing the saturation by 10% instead.

 72, 30.718, 23.250

 72, 30.718, 23.250

 100, 30.718,
23.250

 62, 30.718, 23.250

 92, 30.718, 23.250

 52, 30.718, 23.250

 42, 30.718, 23.250

 32, 30.718, 23.250

 22, 30.718, 23.250

 12, 30.718, 23.250

 2, 30.718, 23.250

 0, 30.718, 23.250

 72, 30.718, 23.250

 72, 30.718, 23.250

66, 41.433, 24.719

78, 20.627, 22.136

61, 52.616, 26.636

84, 11.235, 21.267

57, 63.993, 29.103

90, 2.544, 20.432

53, 75.165, 32.147

97, 5.485, 200.289

51, 85.505, 35.563

98, 7.639, 199.009

49, 93.686, 38.602

49, 97.401, 40.102

Harmonies

Complementary

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



72, 30.718, 23.250



87, 24.355, 199.049

Rectangle

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



72, 30.718, 23.250



72, 30.718, 73.250



72, 30.718, 203.250



72, 30.718, 253.250

Sweetspot

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



72, 30.716, 23.255



93, 9.140, 21.035



74, 48.939, 326.234



49, 6.271, 21.142



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, 30.716, 23.255



74, 41.039, 24.256



81, 25.854, 71.280



46, 4.842, 20.992



38, 80.666, 40.129



7, 28.266, 23.383

Inverse Universe

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



87, 24.355, 199.049



94, 30.725, 198.811



77, 23.557, 260.802



48, 4.558, 200.106



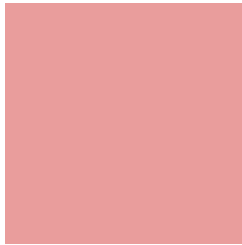
66, 38.044, 198.418



19, 16.335, 198.116

Previews

White Background



This preview shows how the CIELCh color 72, 30.718, 23.250 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 72, 30.718, 23.250 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, 30.718, 23.250

Background



This preview shows how black text looks on a background with the CIELCh color 72, 30.718, 23.250.



This preview shows how white text looks on a background with the CIELCh color 72, 30.718, 23.250.

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

72, 30.718, 23.250

Protanopia

72, 6.040, 83.124

Deuteranopia

72, 15.915, 55.391



Tritanopia
72, 31.642, 10.843

Trichromacy



Original Color
72, 30.718, 23.250

Protanomaly
72, 13.207, 37.008

Deuteranomaly
72, 20.379, 37.827

Tritanomaly
72, 31.158, 15.539

Monochromacy



Original Color
72, 30.718, 23.250

Achromatopsia
73, 0.009, 296.813

Achromatomaly
72, 10.818, 20.300

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 30.718, 23.250 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(233, 157, 156)` looks like.

```
.text, #text, p{  
    color:rgb(233, 157, 156)  
}
```

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(233, 157, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 157, 156) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 30.718, 23.250 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(233, 157, 156) }
```

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

```
.border{ border-color:rgb(233, 157, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 157, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 157, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 157, 156);  
box-shadow:4px 4px 4px 4px rgb(233, 157,  
156) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 30.718, 23.250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 157, 156) }
```

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

```
.background{ background-color: rgb(233,  
157, 156) }
```

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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