

Converting Colors

CIELCh(72, 27.112, 4.214)

Have a look what the booklet for
CIELCh(72, 27.112, 4.214) contains.

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Color

CIELCh(72, 27.240, 3.684)

Conversions

Conversions Part 1

Format	Color
Hex	E19EAE
RGB	225, 158, 174
RGB Percent	88%, 62%, 68%
CMY	0.1166, 0.3794, 0.3166
CMYK	0.00, 0.30, 0.23, 0.12
HSL	346°, 53%, 75%
HSV	346°, 30%, 88%
XYZ	51.0730, 43.6590, 45.9110
YIQ	179.8570, 34.7960, 19.1800

Conversions

Conversions Part 2

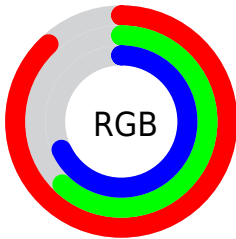
Format	Color
R_{YB}	225, 158, 174
Decimal	14786222
CIE _{Lab}	72.00, 27.18, 1.75
CIE _{LCh}	72, 27.240, 3.684
Yxy	43.6590, 0.3631, 0.3104
Android (android.graphics.Color)	4292976302 (0xFFE19EAE)
YUV	179.8570, -2.8875, 39.5904
Hunter-Lab	66.0750, 22.3412, 5.0559

Details

The CIELCh color $72, 27.240, 3.684$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $85, 24.408, 177.480$, and the grayscale version is $73, 0.009, 296.813$.

A 20% lighter version of the original color is $89, 17.343, 352.171$, and $52, 27.025, 3.251$ is the 20% darker color. If you saturate the color by 10%, you get $67, 36.952, 5.286$, and if you desaturate by 10%, it is $78, 17.720, 2.359$.

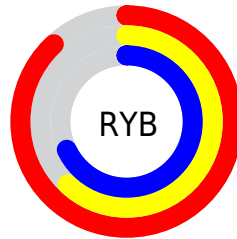
Distribution



Red (88%)

Green (62%)

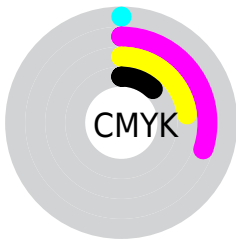
Blue (68%)



Red (88%)

Yellow (62%)

Blue (68%)

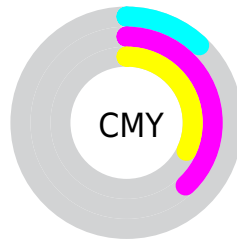


Cyan (0%)

Magenta (30%)

Yellow (23%)

Black (12%)



Cyan (12%)

Magenta (38%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 27.240, 3.684 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, 27.240, 3.684 by changing the saturation by 10% instead.

 72, 27.240, 3.684  72, 27.240, 3.684

 100, 27.240, 3.684  62, 27.240, 3.684

 92, 27.240, 3.684  52, 27.240, 3.684

 42, 27.240, 3.684

 32, 27.240, 3.684

 22, 27.240, 3.684

 12, 27.240, 3.684

 2, 27.240, 3.684

 0, 27.240, 3.684

 72, 27.240, 3.684

 72, 27.240, 3.684

67, 36.952, 5.286

78, 17.720, 2.359

61, 46.621, 7.255

84, 8.547, 1.216

57, 55.901, 9.726

90, 0.211, 182.909

53, 64.384, 12.858

96, 8.530, 179.561

50, 71.719, 16.808

98, 10.081,
198.835

48, 77.784, 21.644

47, 82.939, 27.072

47, 83.072, 27.203

Harmonies

Complementary

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



72, 27.240, 3.684



85, 24.408, 177.480

Rectangle

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



72, 27.240, 3.684



72, 27.240, 53.684



72, 27.240, 183.684



72, 27.240, 233.684

Sweetspot

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



72, 27.237, 3.687



94, 8.712, 1.141



72, 40.408, 318.583



49, 6.075, 1.301



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, 27.237, 3.687



77, 36.836, 4.690



76, 22.336, 44.383



44, 4.959, 1.183



37, 68.540, 26.188



6, 25.290, 10.766

Inverse Universe

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



72, 27.237, 3.687



77, 36.836, 4.690



81, 18.362, 227.612



44, 4.959, 1.183



37, 68.540, 26.188



6, 25.290, 10.766

Previews

White Background



This preview shows how the CIELCh color 72, 27.240, 3.684 looks on a white background.

Color Contrast Check

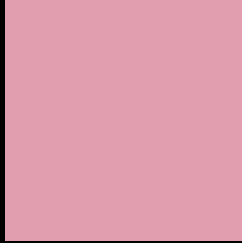
Large Text (above 18pt) WCAG AA × Fail

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, 27.240, 3.684 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

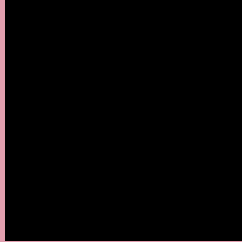
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 72, 27.240, 3.684

Background



This preview shows how black text looks on a background with the CIELCh color 72, 27.240, 3.684.



This preview shows how white text looks on a background with the CIELCh color 72, 27.240, 3.684.

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, 26.463, 7.885

Trichromacy



Original Color
72, 27.240, 3.684

Protanomaly
72, 10.913, 350.556

Deuteranomaly
72, 16.267, 7.459

Tritanomaly
72, 26.540, 6.740

Monochromacy



Original Color
72, 27.240, 3.684

Achromatopsia
73, 0.009, 296.813

Achromatomaly
73, 9.687, 0.652

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 27.240, 3.684 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(225, 158, 174)` looks like.

```
.text, #text, p{  
    color:rgb(225, 158, 174)  
}
```

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(225, 158, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 158, 174) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 27.240, 3.684 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(225, 158, 174) }
```

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

```
.border{ border-color:rgb(225, 158, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 158, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 158, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 158, 174);  
box-shadow:4px 4px 4px 4px rgb(225, 158,  
174) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 27.240, 3.684 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 158, 174) }
```

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

```
.background{ background-color: rgb(225,  
158, 174) }
```

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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