

Converting Colors

CIELCh(71, 32.637, 15.289)

Have a look what the booklet for
CIELCh(71, 32.637, 15.289) contains.

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Color

CIELCh(71, 32.519, 16.012)

Conversions

Conversions Part 1

Format	Color
Hex	E9989F
RGB	233, 152, 159
RGB Percent	91%, 60%, 62%
CMY	0.0870, 0.4046, 0.3772
CMYK	0.00, 0.35, 0.32, 0.09
HSL	355°, 65%, 75%
HSV	355°, 35%, 91%
XYZ	50.9838, 42.1875, 38.1772
YIQ	177.0170, 46.0290, 19.3490

Conversions

Conversions Part 2

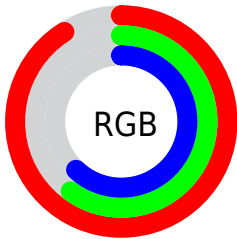
Format	Color
RYB	233, 152, 159
Decimal	15308959
CIELab	71.00, 31.26, 8.97
CIELCh	71, 32.519, 16.012
Yxy	42.1875, 0.3882, 0.3212
Android (android.graphics.Color)	4293499039 (0xFFE9989F)
YUV	177.0170, -8.8824, 49.0971
Hunter-Lab	64.9519, 26.4472, 10.6170

Details

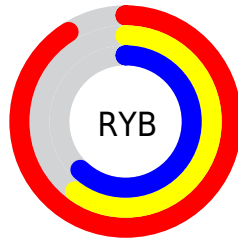
The CIELCh color **71, 32.519, 16.012** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87, 26.555, 189.655**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 18.177, 9.286**, and **51, 32.321, 15.723** is the 20% darker color. If you saturate the color by 10%, you get **66, 42.957, 17.781**, and if you desaturate by 10%, it is **77, 22.479, 14.619**.

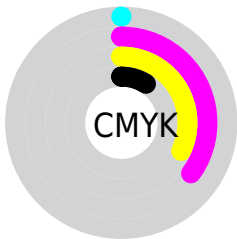
Distribution



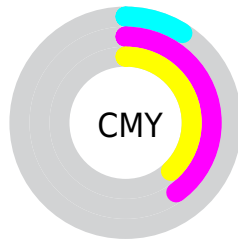
- Red (91%)
- Green (60%)
- Blue (62%)



- Red (91%)
- Yellow (60%)
- Blue (62%)



- Cyan (0%)
- Magenta (35%)
- Yellow (32%)
- Black (9%)



- Cyan (9%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 32.519, 16.012 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 71, 32.519, 16.012 by changing the saturation by 10% instead.

71, 32.519, 16.012

71, 32.519, 16.012

100, 32.519,
16.012

61, 32.519, 16.012

91, 32.519, 16.012

51, 32.519, 16.012

41, 32.519, 16.012

31, 32.519, 16.012

21, 32.519, 16.012

11, 32.519, 16.012

1, 32.519, 16.012

0, 32.519, 16.012

71, 32.519, 16.012

71, 32.519, 16.012

66, 42.957, 17.781

77, 22.479, 14.619

61, 53.569, 20.035

83, 12.975, 13.490

56, 64.028, 22.911

89, 4.059, 12.486

53, 73.968, 26.501

96, 4.271, 192.031

50, 83.031, 30.740

98, 7.586, 199.013

49, 90.729, 35.172

49, 93.999, 37.122

Harmonies

Complementary

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



71, 32.519, 16.012



87, 26.555, 189.655

Rectangle

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



71, 32.519, 16.012



71, 32.519, 66.012



71, 32.519, 196.012



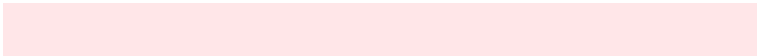
71, 32.519, 246.012

Sweetspot

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



71, 32.516, 16.016



93, 9.299, 13.017



72, 50.192, 323.386



49, 6.375, 13.156



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



71, 32.516, 16.016



73, 43.111, 17.285



78, 26.609, 60.406



46, 4.928, 12.961



38, 77.235, 36.450



7, 28.197, 19.188

Inverse Universe

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



71, 32.516, 16.016



73, 43.111, 17.285



78, 22.636, 249.000



46, 4.928, 12.961



38, 77.235, 36.450



7, 28.197, 19.188

Previews

White Background



This preview shows how the CIELCh color 71, 32.519, 16.012 looks on a white background.

Color Contrast Check

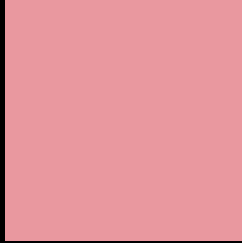
Large Text (above 18pt) WCAG AA × Fail

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 71, 32.519, 16.012 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 71, 32.519, 16.012

Background



This preview shows how black text looks on a background with the CIELCh color 71, 32.519, 16.012.

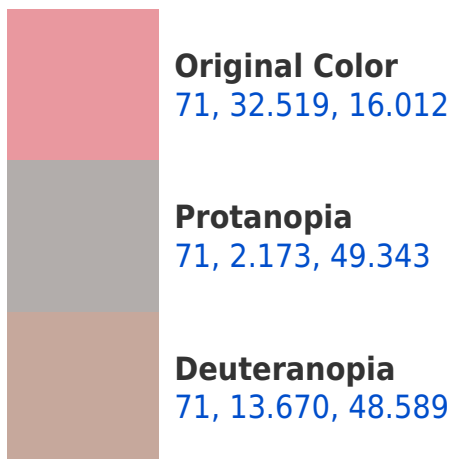


This preview shows how white text looks on a background with the CIELCh color 71, 32.519, 16.012.

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
71, 32.964, 11.496

Trichromacy



Original Color
71, 32.519, 16.012

Protanomaly
71, 12.877, 15.713

Deuteranomaly
71, 19.854, 28.898

Tritanomaly
71, 32.935, 13.361

Monochromacy



Original Color
71, 32.519, 16.012

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 11.256, 14.854

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 32.519, 16.012 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, 152, 159)` looks like.

```
.text, #text, p{  
    color:rgb(233, 152, 159)  
}
```

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, 152, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 152, 159) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 32.519, 16.012 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, 152, 159) }
```

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

```
.border{ border-color:rgb(233, 152, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 152, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 152, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 152, 159);  
box-shadow:4px 4px 4px 4px rgb(233, 152,  
159) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 32.519, 16.012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 152, 159) }
```

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

```
.background{ background-color: rgb(233,  
152, 159) }
```

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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