

Converting Colors

CIELCh(73, 30.946, 29.071)

Have a look what the booklet for
CIELCh(73, 30.946, 29.071) contains.

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Color

CIELCh(73, 30.890, 29.033)

Conversions

Conversions Part 1

Format	Color
Hex	EBA099
RGB	235, 160, 153
RGB Percent	92%, 63%, 60%
CMY	0.0780, 0.3721, 0.3996
CMYK	0.00, 0.32, 0.35, 0.08
HSL	5°, 67%, 76%
HSV	5°, 35%, 92%
XYZ	52.6475, 45.1644, 36.1255
YIQ	181.6270, 46.9470, 13.7230

Conversions

Conversions Part 2

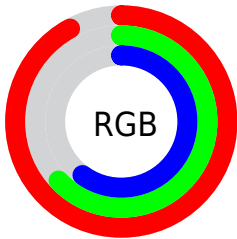
Format	Color
R _Y B	235, 161, 153
Decimal	15442073
CIE Lab	73.00, 27.01, 14.99
CIE LCh	73, 30.890, 29.033
Yxy	45.1644, 0.3931, 0.3372
Android (android.graphics.Color)	4293632153 (0xFFEBA099)
YUV	181.6270, -14.1131, 46.8081
Hunter-Lab	67.2044, 22.2278, 15.1720

Details

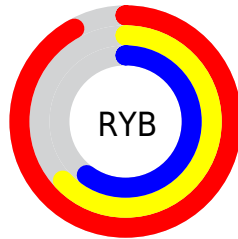
The CIELCh color **73, 30.890, 29.033** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86, 23.947, 206.773**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 15.654, 35.683**, and **53, 30.715, 29.316** is the 20% darker color. If you saturate the color by 10%, you get **68, 41.308, 30.130**, and if you desaturate by 10%, it is **79, 21.155, 28.235**.

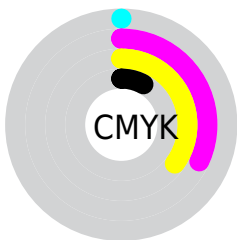
Distribution



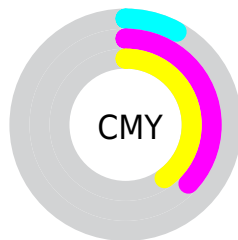
- Red (92%)
- Green (63%)
- Blue (60%)



- Red (92%)
- Yellow (63%)
- Blue (60%)



- Cyan (0%)
- Magenta (32%)
- Yellow (35%)
- Black (8%)



- Cyan (8%)
- Magenta (37%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 30.890, 29.033 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 73, 30.890, 29.033 by changing the saturation by 10% instead.

73, 30.890, 29.033

73, 30.890, 29.033

100, 30.890,
29.033

63, 30.890, 29.033

93, 30.890, 29.033

53, 30.890, 29.033

43, 30.890, 29.033

33, 30.890, 29.033

23, 30.890, 29.033

13, 30.890, 29.033

3, 30.890, 29.033

0, 30.890, 29.033

73, 30.890, 29.033

73, 30.890, 29.033

68, 41.308, 30.130

79, 21.155, 28.235

63, 52.312, 31.587

84, 12.139, 27.647

59, 63.690, 33.467

90, 3.820, 27.140

55, 75.069, 35.748

96, 3.848, 207.204

52, 85.727, 38.191

99, 6.812, 199.071

50, 94.083, 40.061

50, 97.137, 40.769

Harmonies

Complementary

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



73, 30.890, 29.033



86, 23.947, 206.773

Rectangle

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



73, 30.890, 29.033



73, 30.890, 79.033



73, 30.890, 209.033



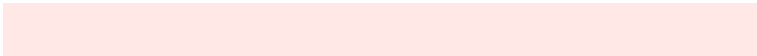
73, 30.890, 259.033

Sweetspot

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



73, 30.888, 29.038



94, 8.539, 27.411



74, 49.140, 328.785



49, 5.860, 27.479



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



73, 30.888, 29.038



75, 40.871, 29.803



83, 28.903, 79.255



46, 4.523, 27.384



38, 79.611, 40.975



8, 26.827, 27.360

Inverse Universe

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



86, 23.947, 206.773



91, 29.757, 206.862



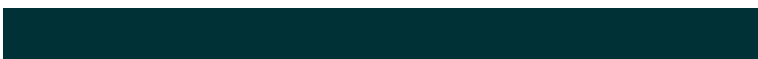
75, 27.518, 269.716



48, 4.253, 207.024



62, 34.937, 211.284



18, 15.140, 208.887

Previews

White Background



This preview shows how the CIELCh color 73, 30.890, 29.033 looks on a white background.

Color Contrast Check

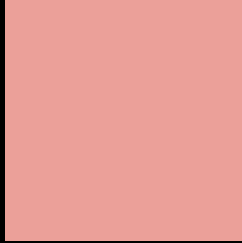
Large Text (above 18pt) WCAG AA × Fail

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 73, 30.890, 29.033 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 73, 30.890, 29.033

Background



This preview shows how black text looks on a background with the CIELCh color 73, 30.890, 29.033.

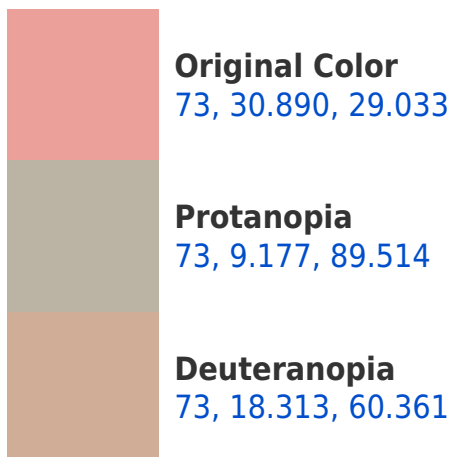


This preview shows how white text looks on a background with the CIELCh color 73, 30.890, 29.033.

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](#).

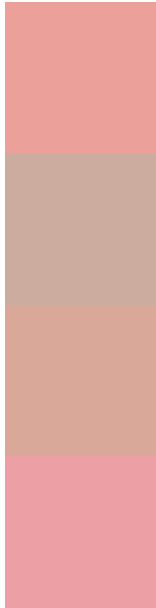
Dichromacy





Tritanopia
73, 31.536, 10.780

Trichromacy



Original Color
73, 30.890, 29.033

Protanomaly
73, 14.603, 48.908

Deuteranomaly
73, 21.868, 43.974

Tritanomaly
73, 30.688, 17.337

Monochromacy



Original Color
73, 30.890, 29.033

Achromatopsia
74, 0.009, 296.813

Achromatomaly
73, 10.582, 28.998

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 30.890, 29.033 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(235, 160, 153)` looks like.

```
.text, #text, p{  
    color:rgb(235, 160, 153)  
}
```

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(235, 160, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 160, 153) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 30.890, 29.033 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(235, 160, 153) }
```

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

```
.border{ border-color:rgb(235, 160, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 160, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 160, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 160, 153);  
box-shadow:4px 4px 4px 4px rgb(235, 160,  
153) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 30.890, 29.033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 160, 153) }
```

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

```
.background{ background-color: rgb(235,  
160, 153) }
```

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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