

Converting Colors

CIELCh(73, 31.154, 1.355)

Have a look what the booklet for
CIELCh(73, 31.154, 1.355) contains.

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Color

CIELCh(73, 31.154, 1.355)

Conversions

Conversions Part 1

Format	Color
Hex	EA9EB3
RGB	234, 158, 179
RGB Percent	92%, 62%, 70%
CMY	0.0826, 0.3806, 0.2983
CMYK	0.00, 0.32, 0.24, 0.08
HSL	343°, 64%, 77%
HSV	343°, 32%, 92%
XYZ	54.2548, 45.1644, 48.4714
YIQ	183.1180, 38.5550, 22.6430

Conversions

Conversions Part 2

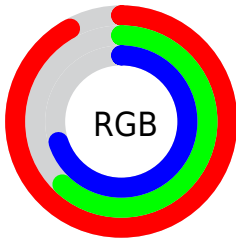
Format	Color
RYB	234, 158, 179
Decimal	15376051
CIELab	73.00, 31.15, 0.74
CIElCh	73, 31.154, 1.355
Yxy	45.1644, 0.3669, 0.3054
Android (android.graphics.Color)	4293566131 (0xFFEA9EB3)
YUV	183.1180, -2.0302, 44.6235
Hunter-Lab	67.2044, 26.4969, 4.2800

Details

The CIELCh color **73, 31.154, 1.355** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **87, 28.018, 174.388**, and the grayscale version is **74, 0.009, 296.813**.

A 20% lighter version of the original color is **89, 18.927, 343.773**, and **53, 30.956, 2.075** is the 20% darker color. If you saturate the color by 10%, you get **67, 41.169, 3.016**, and if you desaturate by 10%, it is **79, 21.211, 359.981**.

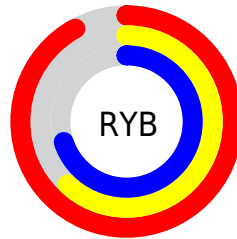
Distribution



Red (92%)

Green (62%)

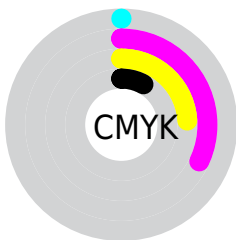
Blue (70%)



Red (92%)

Yellow (62%)

Blue (70%)

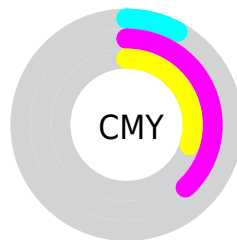


Cyan (0%)

Magenta (32%)

Yellow (24%)

Black (8%)



Cyan (8%)


Magenta (38%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 73, 31.154, 1.355 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, 31.154, 1.355 by changing the saturation by 10% instead.

 73, 31.154, 1.355

 73, 31.154, 1.355

 100, 31.154, 1.355


 63, 31.154, 1.355

 93, 31.154, 1.355


 53, 31.154, 1.355

 43, 31.154, 1.355


 33, 31.154, 1.355


 23, 31.154, 1.355

 13, 31.154, 1.355

 3, 31.154, 1.355

 0, 31.154, 1.355

 73, 31.154, 1.355

 73, 31.154, 1.355

67, 41.169, 3.016

79, 21.211,
359.981

62, 50.966, 5.058

85, 11.542,
358.802

58, 60.138, 7.621

54, 68.243, 10.873

91, 2.249, 357.611

52, 74.946, 14.978

97, 6.623, 177.066

50, 80.225, 20.003

99, 7.210, 199.041

49, 83.641, 24.166

Harmonies

Complementary

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



73, 31.154, 1.355



87, 28.018, 174.388

Rectangle

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



73, 31.154, 1.355



73, 31.154, 51.355



73, 31.154, 181.355



73, 31.154, 231.355

Sweetspot

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



73, 31.151, 1.358



93, 9.863, 358.534



73, 45.220, 317.659



49, 6.750, 358.689



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, 31.151, 1.358



75, 40.423, 2.432



76, 25.865, 40.923



46, 5.230, 358.471



38, 68.588, 23.129



7, 27.807, 10.698

Inverse Universe

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



73, 31.151, 1.358



75, 40.423, 2.432



83, 20.641, 223.330



46, 5.230, 358.471



38, 68.588, 23.129



7, 27.807, 10.698

Previews

White Background



This preview shows how the CIELCh color 73, 31.154, 1.355 looks on a white background.

Color Contrast Check

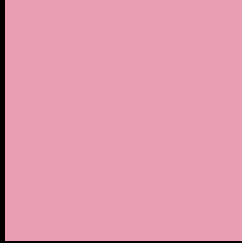
Large Text (above 18pt) WCAG AA × Fail

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 73, 31.154, 1.355 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, 31.154, 1.355

Background



This preview shows how black text looks on a background with the CIELCh color 73, 31.154, 1.355.

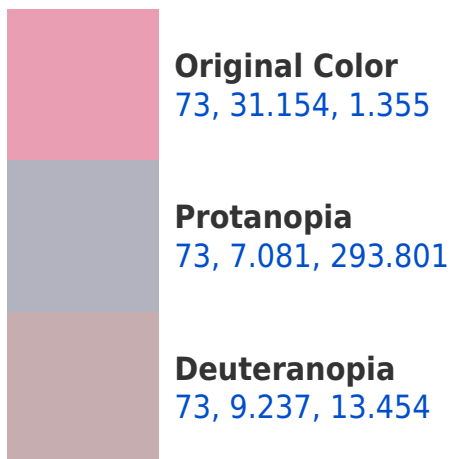


This preview shows how white text looks on a background with the CIELCh color 73, 31.154, 1.355.

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, 29.557, 9.749

Trichromacy



Original Color
73, 31.154, 1.355

Protanomaly
73, 13.619, 341.078

Deuteranomaly
73, 17.199, 4.609

Tritanomaly
73, 29.748, 6.678

Monochromacy



Original Color
73, 31.154, 1.355

Achromatopsia
74, 0.009, 296.813

Achromatomaly
74, 11.455, 358.274

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 73, 31.154, 1.355 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(234, 158, 179)` looks like.

```
.text, #text, p{  
    color:rgb(234, 158, 179)  
}
```

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(234, 158, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 158, 179) }
```

Border

The CSS property to change the border of an element to CIELCh 73, 31.154, 1.355 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(234, 158, 179) }
```

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

```
.border{ border-color:rgb(234, 158, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 158, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 158, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 158, 179);  
box-shadow:4px 4px 4px 4px rgb(234, 158,  
179) }
```

Background

The CSS property to change the background color of an element to CIELCh 73, 31.154, 1.355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 158, 179) }
```

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

```
.background{ background-color: rgb(234,  
158, 179) }
```

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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