

Converting Colors

CIELCh(71, 31.747, 8.262)

Have a look what the booklet for
CIELCh(71, 31.747, 8.262) contains.

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Color

CIELCh(71, 31.891, 8.023)

Conversions

Conversions Part 1

Format	Color
Hex	E798A7
RGB	231, 152, 167
RGB Percent	91%, 60%, 65%
CMY	0.0945, 0.4042, 0.3454
CMYK	0.00, 0.34, 0.28, 0.09
HSL	349°, 62%, 75%
HSV	349°, 34%, 91%
XYZ	51.1049, 42.1875, 41.9660
YIQ	177.3310, 42.2690, 21.4130

Conversions

Conversions Part 2

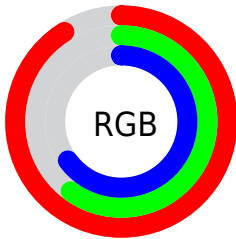
Format	Color
R _Y B	231, 152, 167
Decimal	15177895
CIE Lab	71.00, 31.58, 4.45
CIE LCh	71, 31.891, 8.023
Yxy	42.1875, 0.3778, 0.3119
Android (android.graphics.Color)	4293367975 (0xFFE798A7)
YUV	177.3310, -5.0932, 47.0677
Hunter-Lab	64.9519, 26.7801, 7.1586

Details

The CIELCh color **71, 31.891, 8.023** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **86, 27.458, 180.828**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **88, 19.215, 356.998**, and **51, 31.953, 8.362** is the 20% darker color. If you saturate the color by 10%, you get **66, 41.898, 9.810**, and if you desaturate by 10%, it is **77, 22.076, 6.576**.

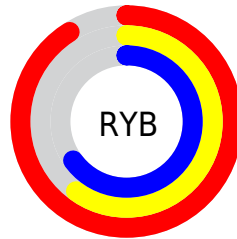
Distribution



Red (91%)

Green (60%)

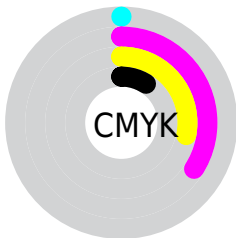
Blue (65%)



Red (91%)

Yellow (60%)

Blue (65%)

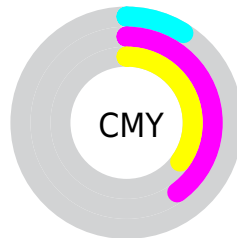


Cyan (0%)

Magenta (34%)

Yellow (28%)

Black (9%)



Cyan (9%)

Magenta (40%)


Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 31.891, 8.023 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, 31.891, 8.023 by changing the saturation by 10% instead.

 71, 31.891, 8.023  71, 31.891, 8.023

 100, 31.891, 8.023  61, 31.891, 8.023

 91, 31.891, 8.023  51, 31.891, 8.023

 41, 31.891, 8.023

 31, 31.891, 8.023

 21, 31.891, 8.023

 11, 31.891, 8.023

 1, 31.891, 8.023

 0, 31.891, 8.023

 71, 31.891, 8.023  71, 31.891, 8.023

66, 41.898, 9.810

77, 22.076, 6.576

61, 51.832, 12.045

83, 12.632, 5.365

56, 61.326, 14.877

89, 3.642, 4.251

53, 69.996, 18.460

95, 4.863, 183.667

50, 77.576, 22.883

98, 8.220, 198.966

49, 84.035, 28.029

48, 87.457, 31.038

Harmonies

Complementary

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



71, 31.891, 8.023



86, 27.458, 180.828

Rectangle

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



71, 31.891, 8.023



71, 31.891, 58.023



71, 31.891, 188.023



71, 31.891, 238.023

Sweetspot

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



71, 31.888, 8.026



93, 9.529, 4.909



71, 47.957, 320.326



49, 6.526, 5.062



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, 31.888, 8.026



74, 41.937, 9.236



76, 26.207, 49.579



45, 4.961, 4.844



37, 71.490, 30.058



7, 26.677, 13.842

Inverse Universe

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



71, 31.888, 8.026



74, 41.937, 9.236



80, 21.208, 235.169



45, 4.961, 4.844



37, 71.490, 30.058



7, 26.677, 13.842

Previews

White Background



This preview shows how the CIELCh color 71, 31.891, 8.023 looks on a white background.

Color Contrast Check

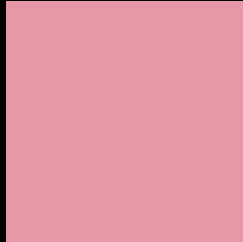
Large Text (above 18pt) WCAG AA × Fail

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, 31.891, 8.023 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, 31.891, 8.023

Background



This preview shows how black text looks on a background with the CIELCh color 71, 31.891, 8.023.



This preview shows how white text looks on a background with the CIELCh color 71, 31.891, 8.023.

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

71, 31.891, 8.023

Protanopia

71, 3.480, 309.181

Deuteranopia

71, 10.783, 31.830



Tritanopia
71, 31.749, 10.909

Trichromacy



Original Color
71, 31.891, 8.023

Protanomaly
71, 13.026, 355.931

Deuteranomaly
71, 18.128, 15.937

Tritanomaly
71, 31.786, 9.944

Monochromacy



Original Color
71, 31.891, 8.023

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 11.458, 6.738

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 31.891, 8.023 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(231, 152, 167)` looks like.

```
.text, #text, p{  
    color:rgb(231, 152, 167)  
}
```

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(231, 152, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 152, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 31.891, 8.023 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(231, 152, 167) }
```

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

```
.border{ border-color:rgb(231, 152, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 152, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 152, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 152, 167);  
box-shadow:4px 4px 4px 4px rgb(231, 152,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 31.891, 8.023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 152, 167) }
```

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

```
.background{ background-color: rgb(231,  
152, 167) }
```

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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