

Converting Colors

CIELCh(71, 31.202, 21.124)

Have a look what the booklet for
CIELCh(71, 31.202, 21.124) contains.

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Color

CIELCh(71, 31.470, 20.487)

Conversions

Conversions Part 1

Format	Color
Hex	E7999B
RGB	231, 153, 155
RGB Percent	91%, 60%, 61%
CMY	0.0937, 0.3996, 0.3918
CMYK	0.00, 0.34, 0.33, 0.09
HSL	358°, 62%, 75%
HSV	358°, 34%, 91%
XYZ	50.3174, 42.1875, 36.5410
YIQ	176.5500, 45.8460, 17.1580

Conversions

Conversions Part 2

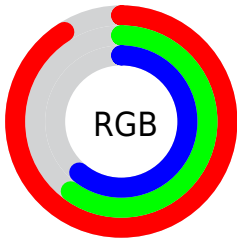
Format	Color
R _Y B	231, 153, 155
Decimal	15178139
CIE Lab	71.00, 29.48, 11.01
CIE LCh	71, 31.470, 20.487
Yxy	42.1875, 0.3899, 0.3269
Android (android.graphics.Color)	4293368219 (0xFFE7999B)
YUV	176.5500, -10.6242, 47.7526
Hunter-Lab	64.9519, 24.6158, 12.1107

Details

The CIELCh color **71, 31.470, 20.487** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87, 25.154, 195.339**, and the grayscale version is **72, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 17.621, 19.027**, and **51, 31.270, 20.397** is the 20% darker color. If you saturate the color by 10%, you get **65, 42.109, 22.113**, and if you desaturate by 10%, it is **77, 21.373, 19.235**.

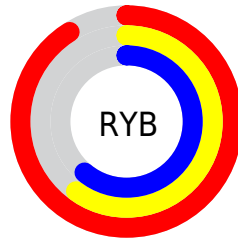
Distribution



Red (91%)

Green (60%)

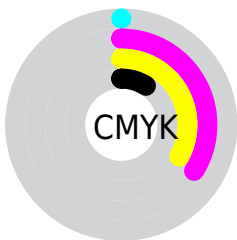
Blue (61%)



Red (91%)

Yellow (60%)

Blue (61%)

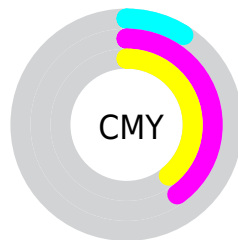


Cyan (0%)

Magenta (34%)

Yellow (33%)

Black (9%)



Cyan (9%)

Magenta (40%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 31.470, 20.487 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, 31.470, 20.487 by changing the saturation by 10% instead.

71, 31.470, 20.487

71, 31.470, 20.487

100, 31.470,
20.487

61, 31.470, 20.487

91, 31.470, 20.487

51, 31.470, 20.487

41, 31.470, 20.487

31, 31.470, 20.487

21, 31.470, 20.487

11, 31.470, 20.487

1, 31.470, 20.487

0, 31.470, 20.487

71, 31.470, 20.487

71, 31.470, 20.487

65, 42.109, 22.113

77, 21.373, 19.235

60, 53.103, 24.214

83, 11.920, 18.241

56, 64.152, 26.908

89, 3.132, 17.333

53, 74.865, 30.246

96, 5.015, 197.040

50, 84.717, 34.059

98, 8.155, 198.971

49, 92.678, 37.671

48, 96.031, 39.210

Harmonies

Complementary

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



71, 31.470, 20.487



87, 25.154, 195.339

Rectangle

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



71, 31.470, 20.487



71, 31.470, 70.487



71, 31.470, 200.487



71, 31.470, 250.487

Sweetspot

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



71, 31.468, 20.491



93, 9.256, 17.918



73, 49.225, 325.303



49, 6.349, 18.040



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, 31.468, 20.491



73, 42.414, 21.662



80, 25.942, 67.706



45, 4.816, 17.866



37, 78.850, 38.920



6, 27.020, 20.707

Inverse Universe

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



71, 31.468, 20.491



73, 42.414, 21.662



77, 23.112, 257.115



45, 4.816, 17.866



37, 78.850, 38.920



6, 27.020, 20.707

Previews

White Background



This preview shows how the CIELCh color 71, 31.470, 20.487 looks on a white background.

Color Contrast Check

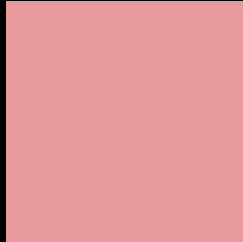
Large Text (above 18pt) WCAG AA × Fail

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 71, 31.470, 20.487 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, 31.470, 20.487

Background



This preview shows how black text looks on a background with the CIELCh color 71, 31.470, 20.487.

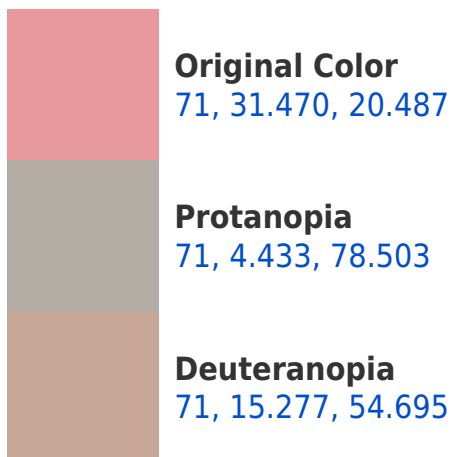


This preview shows how white text looks on a background with the CIELCh color 71, 31.470, 20.487.

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](#).

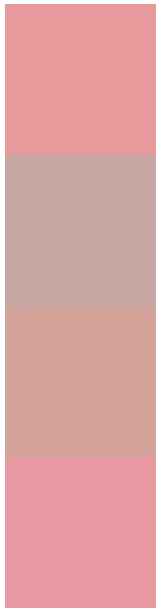
Dichromacy





Tritanopia
71, 32.117, 12.056

Trichromacy



Original Color
71, 31.470, 20.487

Protanomaly
71, 12.788, 30.186

Deuteranomaly
71, 20.233, 36.430

Tritanomaly
71, 32.101, 14.927

Monochromacy



Original Color
71, 31.470, 20.487

Achromatopsia
72, 0.009, 296.813

Achromatomaly
71, 11.242, 17.604

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 31.470, 20.487 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, 153, 155)` looks like.

```
.text, #text, p{  
    color:rgb(231, 153, 155)  
}
```

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, 153, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 153, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 31.470, 20.487 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, 153, 155) }
```

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

```
.border{ border-color:rgb(231, 153, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 153, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 153, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 153, 155);  
box-shadow:4px 4px 4px 4px rgb(231, 153,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 31.470, 20.487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 153, 155) }
```

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

```
.background{ background-color: rgb(231,  
153, 155) }
```

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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