

Converting Colors

CIELCh(70, 31.646, 9.679)

Have a look what the booklet for
CIELCh(70, 31.646, 9.679) contains.

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Color

CIELCh(70, 31.940, 9.050)

Conversions

Conversions Part 1

Format	Color
Hex	E495A3
RGB	228, 149, 163
RGB Percent	89%, 58%, 64%
CMY	0.1049, 0.4148, 0.3599
CMYK	0.00, 0.35, 0.28, 0.10
HSL	349°, 60%, 74%
HSV	349°, 35%, 90%
XYZ	49.4833, 40.7494, 40.0102
YIQ	174.2170, 42.5900, 21.1020

Conversions

Conversions Part 2

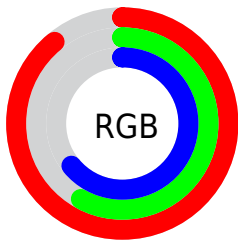
Format	Color
R_{YB}	228, 149, 163
Decimal	14980515
CIE _{Lab}	70.00, 31.54, 5.02
CIE _{LCh}	70, 31.940, 9.050
Yxy	40.7494, 0.3799, 0.3129
Android (android.graphics.Color)	4293170595 (0xFFE495A3)
YUV	174.2170, -5.5300, 47.1677
Hunter-Lab	63.8353, 26.6564, 7.5234

Details

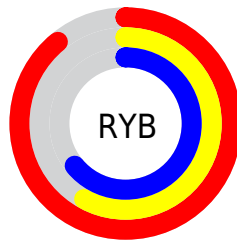
The CIELCh color **70, 31.940, 9.050** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **85, 27.286, 181.828**, and the grayscale version is **71, 0.009, 296.813**.

A 20% lighter version of the original color is **87, 20.129, 359.811**, and **50, 32.045, 9.512** is the 20% darker color. If you saturate the color by 10%, you get **65, 41.887, 10.854**, and if you desaturate by 10%, it is **76, 22.200, 7.595**.

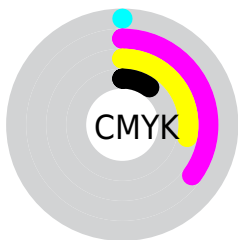
Distribution



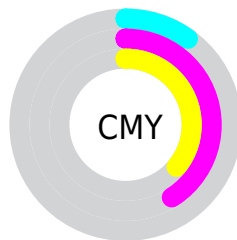
- Red (89%)
- Green (58%)
- Blue (64%)



- Red (89%)
- Yellow (58%)
- Blue (64%)



- Cyan (0%)
- Magenta (35%)
- Yellow (28%)
- Black (10%)



- Cyan (10%)
- Magenta (41%)
- Yellow (36%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 31.940, 9.050 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 70, 31.940, 9.050 by changing the saturation by 10% instead.


 70, 31.940, 9.050  70, 31.940, 9.050

 100, 31.940, 9.050  60, 31.940, 9.050

 90, 31.940, 9.050  50, 31.940, 9.050

 40, 31.940, 9.050


 30, 31.940, 9.050

 20, 31.940, 9.050

 10, 31.940, 9.050

 0, 31.940, 9.050

 70, 31.940, 9.050  70, 31.940, 9.050

 65, 41.887, 10.854  76, 22.200, 7.595

■ 60, 51.780, 13.115

■ 82, 12.842, 6.382

■ 56, 61.263, 15.983

■ 88, 3.947, 5.281

■ 52, 69.959, 19.606

■ 94, 4.457, 184.700

■ 50, 77.612, 24.054

■ 98, 9.105, 198.903

■ 48, 84.172, 29.171

■ 48, 87.411, 31.895

Harmonies

Complementary

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



70, 31.940, 9.050



85, 27.286, 181.828

Rectangle

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



70, 31.940, 9.050



70, 31.940, 59.050



70, 31.940, 189.050



70, 31.940, 239.050

Sweetspot

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



70, 31.937, 9.053



93, 9.490, 5.884



70, 48.250, 320.855



49, 6.500, 6.036



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



70, 31.937, 9.053



73, 42.986, 10.392



75, 26.202, 51.351



45, 4.940, 5.819



37, 72.094, 30.976



7, 26.690, 14.379

Inverse Universe

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



70, 31.937, 9.053



73, 42.986, 10.392



79, 21.308, 237.577



45, 4.940, 5.819



37, 72.094, 30.976



7, 26.690, 14.379

Previews

White Background



This preview shows how the CIELCh color 70, 31.940, 9.050 looks on a white background.

Color Contrast Check

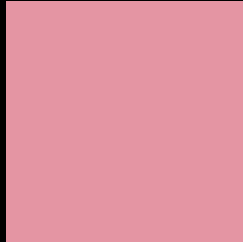
Large Text (above 18pt) WCAG AA × Fail

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 70, 31.940, 9.050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

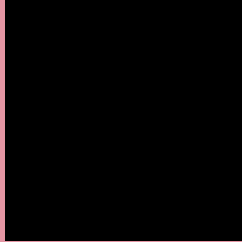
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 31.940, 9.050

Background



This preview shows how black text looks on a background with the CIELCh color 70, 31.940, 9.050.

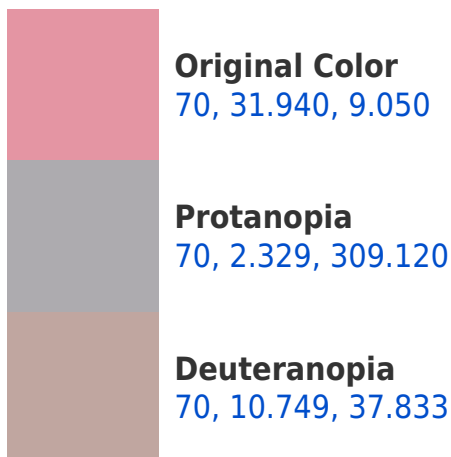


This preview shows how white text looks on a background with the CIELCh color 70, 31.940, 9.050.

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
70, 31.400, 11.737

Trichromacy



Original Color
70, 31.940, 9.050

Protanomaly
70, 12.317, 359.813

Deuteranomaly
70, 17.795, 19.283

Tritanomaly
70, 31.429, 10.758

Monochromacy



Original Color
70, 31.940, 9.050

Achromatopsia
71, 0.009, 296.813

Achromatomaly
70, 11.497, 6.762

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 31.940, 9.050 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(228, 149, 163)` looks like.

```
.text, #text, p{  
    color:rgb(228, 149, 163)  
}
```

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(228, 149, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 149, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 31.940, 9.050 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(228, 149, 163) }
```

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

```
.border{ border-color:rgb(228, 149, 163) }
```

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

Here you see how a box with a 4 pixel rgb(228, 149, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 149, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 149, 163);  
box-shadow:4px 4px 4px 4px rgb(228, 149,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 31.940, 9.050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 149, 163) }
```

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

```
.background{ background-color: rgb(228,  
149, 163) }
```

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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