

Converting Colors

CIELCh(70, 31.160, 308.330)

Have a look what the booklet for
CIELCh(70, 31.160, 308.330)
contains.

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Color

CIELCh(70, 31.401, 308.144)

Conversions

Conversions Part 1

Format	Color
Hex	B9A1D8
RGB	185, 161, 216
RGB Percent	73%, 63%, 85%
CMY	0.2746, 0.3687, 0.1530
CMYK	0.14, 0.25, 0.00, 0.15
HSL	266°, 41%, 74%
HSV	266°, 25%, 85%
XYZ	45.1340, 40.7494, 70.4359
YIQ	174.4460, -3.3510, 22.1930

Conversions

Conversions Part 2

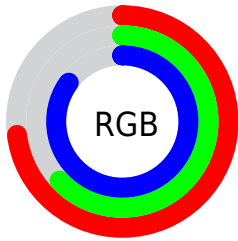
Format	Color
R _{YB}	185, 161, 216
Decimal	12165592
CIE _{Lab}	70.00, 19.39, -24.70
CIE _{LCh}	70, 31.401, 308.144
Yxy	40.7494, 0.2887, 0.2607
Android (android.graphics.Color)	4290355672 (0xFFB9A1D8)
YUV	174.4460, 20.4861, 9.2559
Hunter-Lab	63.8353, 14.4945, -20.7359

Details

The CIELCh color `70, 31.401, 308.144` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `83, 30.159, 125.579`, and the grayscale version is `71, 0.009, 296.813`.

A 20% lighter version of the original color is `89, 22.297, 315.311`, and `50, 31.566, 308.075` is the 20% darker color. If you saturate the color by 10%, you get `64, 44.311, 308.751`, and if you desaturate by 10%, it is `76, 18.789, 307.578`.

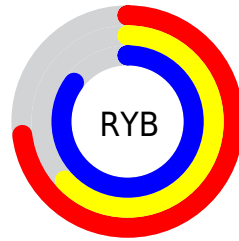
Distribution



Red (73%)

Green (63%)

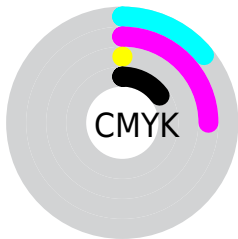
Blue (85%)



Red (73%)

Yellow (63%)

Blue (85%)

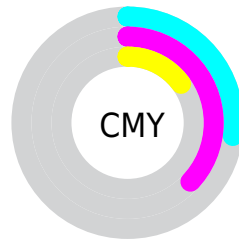


Cyan (14%)

Magenta (25%)

Yellow (0%)

Black (15%)



Cyan (27%)


Magenta (37%)


Yellow (15%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 31.401, 308.144 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, 31.401, 308.144 by changing the saturation by 10% instead.


 70, 31.401,
308.144


 70, 31.401,
308.144


 100, 31.401,
308.144


 60, 31.401,
308.144


 90, 31.401,
308.144

 50, 31.401,
308.144

 40, 31.401,
308.144

 30, 31.401,
308.144

 20, 31.401,
308.144

 10, 31.401,
308.144

 0, 31.401, 308.144

70, 31.401,
308.144

70, 31.401,
308.144

64, 44.311,
308.751

76, 18.789,
307.578

57, 57.398,
309.381

83, 6.541, 307.056

89, 5.324, 126.633

51, 70.415,
309.999

96, 16.805,
126.215

46, 82.934,
310.543

98, 20.050,
118.332

41, 94.272,
310.920

99, 19.725,
108.685

37, 103.493,
311.004

34, 109.647,
310.664

33, 111.718,

Harmonies

Complementary

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



70, 31.401, 308.144



83, 30.159, 125.579

Rectangle

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



70, 31.401, 308.144



70, 31.401, 358.144



70, 31.401, 128.144



70, 31.401, 178.144

Sweetspot

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



70, 31.399, 308.144



94, 10.999, 307.189



76, 16.223, 251.459



49, 7.834, 307.267



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, 31.399, 308.144



77, 44.089, 308.493



73, 34.938, 323.918



42, 6.787, 307.258



25, 93.632, 310.611



3, 28.602, 305.998

Inverse Universe

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



72, 26.406, 342.512



80, 36.828, 343.090



82, 34.813, 141.088



42, 5.775, 341.071



37, 63.865, 355.874



5, 24.271, 349.877

Previews

White Background



This preview shows how the CIELCh color 70, 31.401, 308.144 looks on a white background.

Color Contrast Check

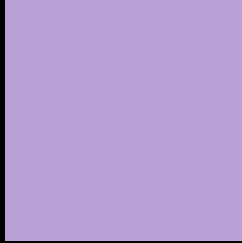
Large Text (above 18pt) WCAG AA × Fail

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, 31.401, 308.144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

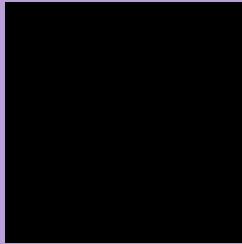
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 31.401, 308.144

Background



This preview shows how black text looks on a background with the CIELCh color 70, 31.401, 308.144.




This preview shows how white text looks on a background with the CIELCh color 70, 31.401, 308.144.

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, 8.252, 320.473

Trichromacy



Original Color
70, 31.401, 308.144

Protanomaly
70, 29.637, 293.699

Deuteranomaly
70, 27.602, 297.739

Tritanomaly
70, 17.000, 311.498

Monochromacy



Original Color
70, 31.401, 308.144

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 11.477, 307.793

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 31.401, 308.144 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(185, 161, 216)` looks like.

```
.text, #text, p{  
    color:rgb(185, 161, 216)  
}
```

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(185, 161, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 161, 216) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 31.401, 308.144 is called "border". The border property can be set on classes, ids or directly on the HTML element.

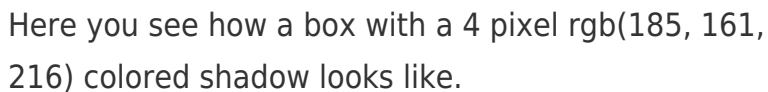
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 161, 216) }
```

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

```
.border{ border-color:rgb(185, 161, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 161, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 161, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 161, 216); box-shadow:4px 4px 4px 4px rgb(185, 161, 216) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 31.401, 308.144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 161, 216) }
```

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

```
.background{ background-color: rgb(185,  
161, 216) }
```

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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