

Converting Colors

CIELCh(71, 20.528, 304.432)

Have a look what the booklet for
CIELCh(71, 20.528, 304.432)
contains.

CIELCh(71, 20.829, 304.749)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(71, 20.829, 304.749)

Conversions

Conversions Part 1

Format	Color
Hex	B5A8CD
RGB	181, 168, 205
RGB Percent	71%, 66%, 80%
CMY	0.2906, 0.3415, 0.1964
CMYK	0.12, 0.18, 0.00, 0.20
HSL	261°, 27%, 73%
HSV	261°, 18%, 80%
XYZ	44.0282, 42.1875, 63.5201
YIQ	176.1050, -4.1290, 14.2630

Conversions

Conversions Part 2

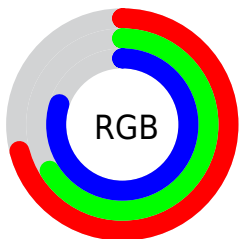
Format	Color
RYB	181, 168, 205
Decimal	11905229
CIELab	71.00, 11.87, -17.11
CIELCh	71, 20.829, 304.749
Yxy	42.1875, 0.2940, 0.2817
Android (android.graphics.Color)	4290095309 (0xFFB5A8CD)
YUV	176.1050, 14.2452, 4.2929
Hunter-Lab	64.9519, 7.3319, -12.5166

Details

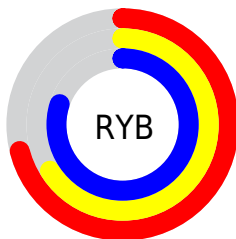
The CIELCh color $71, 20.829, 304.749$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $81, 20.165, 122.758$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 17.376, 307.469$, and $51, 20.988, 304.757$ is the 20% darker color. If you saturate the color by 10%, you get $65, 32.897, 305.422$, and if you desaturate by 10%, it is $77, 9.139, 304.141$.

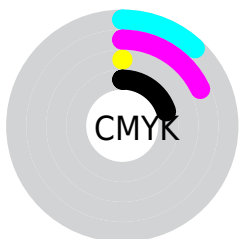
Distribution



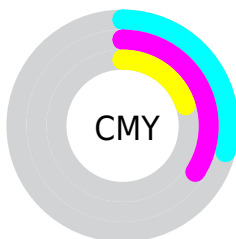
- Red (71%)
- Green (66%)
- Blue (80%)



- Red (71%)
- Yellow (66%)
- Blue (80%)



- Cyan (12%)
- Magenta (18%)
- Yellow (0%)
- Black (20%)





- Cyan (29%)
- Magenta (34%)
- Yellow (20%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 20.829, 304.749 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, 20.829, 304.749 by changing the saturation by 10% instead.


 71, 20.829,
304.749


 71, 20.829,
304.749


 100, 20.829,
304.749


 61, 20.829,
304.749


 91, 20.829,
304.749

 51, 20.829,
304.749

 41, 20.829,
304.749

 31, 20.829,
304.749

 21, 20.829,
304.749

 11, 20.829,
304.749

 1, 20.829, 304.749

0, 20.829, 304.749

71, 20.829,
304.749

71, 20.829,
304.749

65, 32.897,
305.422

77, 9.139, 304.141

84, 2.159, 123.649

58, 45.302,
306.161

90, 13.071,
123.157

52, 57.930,
306.945

96, 23.614,
122.750

46, 70.551,
307.738

98, 25.470,
114.675

41, 82.726,
308.467

99, 25.282,
108.260

36, 93.724,
309.021

■ 32, 102.508,
309.246

■ 29, 108.228,
309.029

■ 29, 109.202,
308.986

Harmonies

Complementary

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



71, 20.829, 304.749



81, 20.165, 122.758

Rectangle

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



71, 20.829, 304.749



71, 20.829, 354.749



71, 20.829, 124.749



71, 20.829, 174.749

Sweetspot

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



71, 20.827, 304.748



96, 6.745, 303.971



76, 10.706, 239.695



51, 4.606, 304.011



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, 20.827, 304.748



83, 30.522, 305.024



73, 23.150, 321.108



40, 6.427, 304.219



22, 93.104, 309.137



2, 24.006, 301.629

Inverse Universe

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



73, 18.931, 337.752



86, 27.605, 338.094



79, 23.001, 139.360



40, 5.890, 337.074



36, 64.956, 348.613



4, 21.854, 343.974

Previews

White Background



This preview shows how the CIELCh color 71, 20.829, 304.749 looks on a white background.

Color Contrast Check

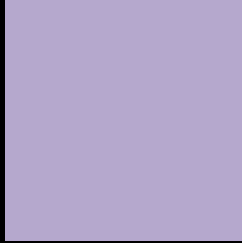
Large Text (above 18pt) WCAG AA × Fail

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, 20.829, 304.749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

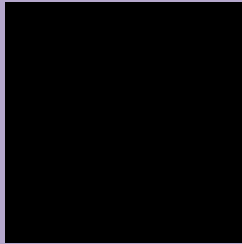
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 20.829, 304.749

Background



This preview shows how black text looks on a background with the CIELCh color 71, 20.829, 304.749.



This preview shows how white text looks on a background with the CIELCh color 71, 20.829, 304.749.

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, 20.829, 304.749

Protanopia

71, 19.729, 286.153

Deuteranopia

71, 19.296, 298.247



Tritanopia
71, 8.111, 309.387

Trichromacy



Original Color
71, 20.829, 304.749

Protanomaly
71, 19.682, 292.094

Deuteranomaly
71, 20.004, 301.114

Tritanomaly
71, 12.514, 306.399

Monochromacy



Original Color
71, 20.829, 304.749

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 7.886, 304.318

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 20.829, 304.749 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(181, 168, 205)` looks like.

```
.text, #text, p{  
    color:rgb(181, 168, 205)  
}
```

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(181, 168, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 168, 205) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 20.829, 304.749 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(181, 168, 205) }
```

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

```
.border{ border-color:rgb(181, 168, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 168, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 168, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 168, 205);  
box-shadow:4px 4px 4px 4px rgb(181, 168,  
205) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 20.829, 304.749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 168, 205) }
```

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

```
.background{ background-color: rgb(181,  
168, 205) }
```

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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