

Converting Colors

CIELCh(72, 20.228, 286.352)

Have a look what the booklet for
CIELCh(72, 20.228, 286.352)
contains.

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Color

CIELCh(72, 20.207, 286.339)

Conversions

Conversions Part 1

Format	Color
Hex	A9AFD4
RGB	169, 175, 212
RGB Percent	66%, 69%, 83%
CMY	0.3386, 0.3151, 0.1700
CMYK	0.20, 0.17, 0.00, 0.17
HSL	232°, 33%, 75%
HSV	232°, 20%, 83%
XYZ	43.3904, 43.6590, 68.1922
YIQ	177.4240, -15.4530, 10.2350

Conversions

Conversions Part 2

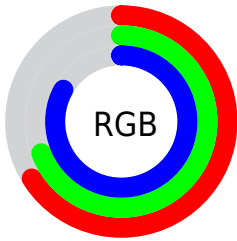
Format	Color
R _{YB}	169, 174, 212
Decimal	11120596
CIE Lab	72.00, 5.68, -19.39
CIE LCh	72, 20.207, 286.339
Yxy	43.6590, 0.2795, 0.2812
Android (android.graphics.Color)	4289310676 (0xFFA9AFD4)
YUV	177.4240, 17.0460, -7.3878
Hunter-Lab	66.0750, 1.5869, -14.9373

Details

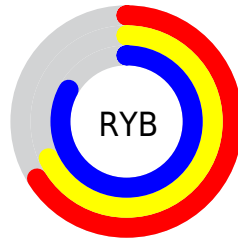
The CIELCh color `72, 20.207, 286.339` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `82, 19.581, 101.578`, and the grayscale version is `72, 0.009, 296.813`.

A 20% lighter version of the original color is `92, 13.027, 283.758`, and `52, 19.825, 285.516` is the 20% darker color. If you saturate the color by 10%, you get `66, 30.684, 287.913`, and if you desaturate by 10%, it is `78, 10.090, 284.997`.

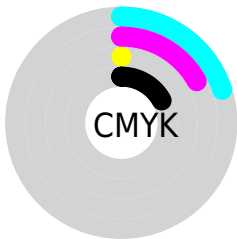
Distribution



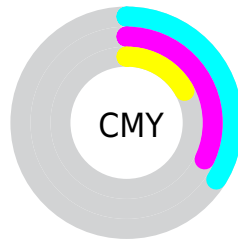
- Red (66%)
- Green (69%)
- Blue (83%)



- Red (66%)
- Yellow (68%)
- Blue (83%)



- Cyan (20%)
- Magenta (17%)
- Yellow (0%)
- Black (17%)





- Cyan (34%)
- Magenta (32%)
- Yellow (17%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 20.207, 286.339 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 72, 20.207, 286.339 by changing the saturation by 10% instead.


 72, 20.207,
286.339


 72, 20.207,
286.339


 100, 20.207,
286.339


 62, 20.207,
286.339


 92, 20.207,
286.339

 52, 20.207,
286.339

 42, 20.207,
286.339

 32, 20.207,
286.339

 22, 20.207,
286.339

 12, 20.207,
286.339

 2, 20.207, 286.339

0, 20.207, 286.339

72, 20.207,
286.339

72, 20.207,
286.339

66, 30.684,
287.913

78, 10.090,
284.997

59, 41.558,
289.756

85, 0.309, 284.256

53, 52.853,
291.891

91, 9.162, 102.832

47, 64.564,
294.315

97, 18.343,
101.988

41, 76.577,
296.970

99, 21.903,
108.518

36, 88.530,
299.713

■ 32, 99.616,
302.295

■ 28, 108.360,
304.313

Harmonies

Complementary

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



72, 20.207, 286.339



82, 19.581, 101.578

Rectangle

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



72, 20.207, 286.339



72, 20.207, 336.339



72, 20.207, 106.339



72, 20.207, 156.339

Sweetspot

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



72, 20.206, 286.337



96, 6.787, 284.495



82, 15.405, 185.433



50, 4.506, 284.570



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

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



72, 20.206, 286.337



82, 27.961, 286.929



72, 24.144, 304.851



41, 5.490, 284.886



22, 90.354, 303.992



3, 23.089, 289.721

Inverse Universe

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



73, 16.905, 9.917



84, 23.496, 10.405



83, 23.275, 122.582



41, 4.527, 8.720



35, 70.579, 33.232



4, 20.104, 12.976

Previews

White Background



This preview shows how the CIELCh color 72, 20.207, 286.339 looks on a white background.

Color Contrast Check

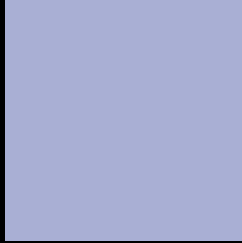
Large Text (above 18pt) WCAG AA × Fail

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 72, 20.207, 286.339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

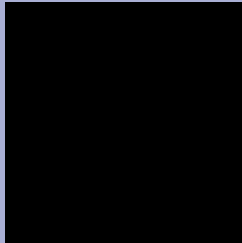
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

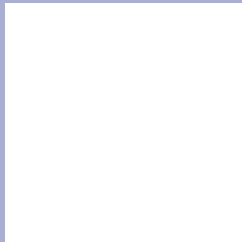
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 20.207, 286.339

Background



This preview shows how black text looks on a background with the CIELCh color 72, 20.207, 286.339.



This preview shows how white text looks on a background with the CIELCh color 72, 20.207, 286.339.

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

72, 20.207, 286.339

Protanopia

72, 20.236, 285.394

Deuteranopia

72, 21.900, 295.858



Tritanopia
72, 8.813, 259.348

Trichromacy



Original Color
72, 20.207, 286.339

Protanomaly
72, 20.236, 285.394

Deuteranomaly
72, 21.272, 292.225

Tritanomaly
72, 12.487, 273.423

Monochromacy



Original Color
72, 20.207, 286.339

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 7.648, 285.510

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 20.207, 286.339 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(169, 175, 212)` looks like.

```
.text, #text, p{  
    color:rgb(169, 175, 212)  
}
```

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(169, 175, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 175, 212) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 20.207, 286.339 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(169, 175, 212) }
```

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

```
.border{ border-color:rgb(169, 175, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 175, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 175, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 175, 212);  
box-shadow:4px 4px 4px 4px rgb(169, 175,  
212) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 20.207, 286.339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 175, 212) }
```

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

```
.background{ background-color: rgb(169,  
175, 212) }
```

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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