

Converting Colors

CIELCh(71, 1.927, 215.973)

Have a look what the booklet for
CIELCh(71, 1.927, 215.973) contains.

CIELCh(71, 1.927, 215.973)	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, 1.927, 215.973)

Conversions

Conversions Part 1

Format	Color
Hex	AAAFB0
RGB	170, 175, 176
RGB Percent	67%, 69%, 69%
CMY	0.3344, 0.3148, 0.3109
CMYK	0.03, 0.01, 0.00, 0.31
HSL	190°, 4%, 68%
HSV	190°, 3%, 69%
XYZ	39.5998, 42.1875, 46.9828
YIQ	173.6190, -3.3010, -0.7490

Conversions

Conversions Part 2

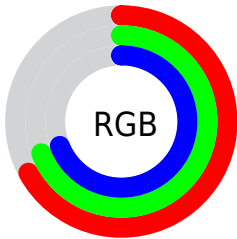
Format	Color
RYB	170, 173, 176
Decimal	11186096
CIELab	71.00, -1.56, -1.13
CIElCh	71, 1.927, 215.973
Yxy	42.1875, 0.3075, 0.3276
Android (android.graphics.Color)	4289376176 (0xFFAAAFB0)
YUV	173.6190, 1.1738, -3.1739
Hunter-Lab	64.9519, -4.8383, 2.5791

Details

The CIELCh color $71, 1.927, 215.973$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 1.966, 35.360$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 2.035, 230.261$, and $51, 2.048, 215.918$ is the 20% darker color. If you saturate the color by 10%, you get $69, 7.384, 215.893$, and if you desaturate by 10%, it is $73, 3.792, 35.467$.

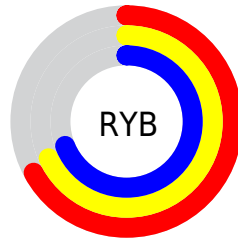
Distribution



Red (67%)

Green (69%)

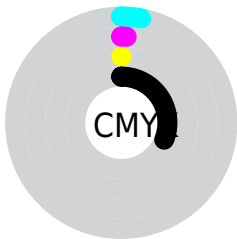
Blue (69%)



Red (67%)

Yellow (68%)

Blue (69%)

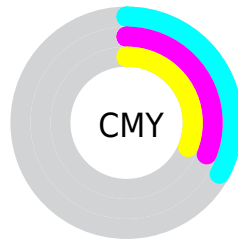


Cyan (3%)

Magenta (1%)

Yellow (0%)

Black (31%)



Cyan (33%)

Magenta (31%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 1.927, 215.973 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, 1.927, 215.973 by changing the saturation by 10% instead.

■ 71, 1.927, 215.973

■ 71, 1.927, 215.973

■ 100, 1.927,
215.973

■ 61, 1.927, 215.973

■ 91, 1.927, 215.973

■ 51, 1.927, 215.973

■ 41, 1.927, 215.973

■ 31, 1.927, 215.973

■ 21, 1.927, 215.973

■ 11, 1.927, 215.973

■ 1, 1.927, 215.973

■ 0, 1.927, 215.973

■ 71, 1.927, 215.973

■ 71, 1.927, 215.973

69, 7.384, 215.893

73, 3.792, 35.467

67, 12.503,
216.166

75, 9.711, 35.567

65, 17.201,
216.628

78, 15.773, 35.669

63, 21.390,
217.311

80, 21.935, 35.806

62, 24.987,
218.266

83, 26.534, 40.082

60, 27.921,
219.552

84, 26.035, 43.859

59, 30.150,
221.237

84, 25.657, 47.768

58, 31.673,
223.393

85, 25.405, 51.775

57, 32.551,
226.077

Harmonies

Complementary

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



71, 1.927, 215.973



70, 1.966, 35.360

Rectangle

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



71, 1.927, 215.973



71, 1.927, 265.973



71, 1.927, 35.973



71, 1.927, 85.973

Sweetspot

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



71, 1.928, 215.919



91, 0.707, 216.499



71, 3.593, 148.715



48, 0.401, 216.548



96, 0.011, 296.813



48, 0.006, 296.813

Same Dimension

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



71, 1.928, 215.919



90, 2.802, 215.884



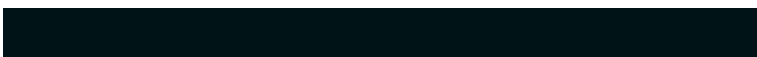
70, 2.265, 270.293



36, 1.577, 215.865



48, 29.371, 227.600



5, 6.518, 223.016

Inverse Universe

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



70, 3.568, 329.501



89, 5.197, 329.553



71, 2.253, 89.252



36, 2.929, 329.595



34, 68.618, 336.018



2, 11.792, 331.594

Previews

White Background



This preview shows how the CIE LCh color 71, 1.927, 215.973 looks on a white background.

Color Contrast Check

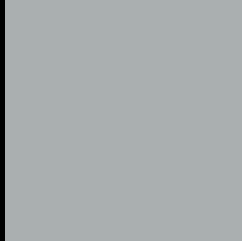
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 71, 1.927, 215.973 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

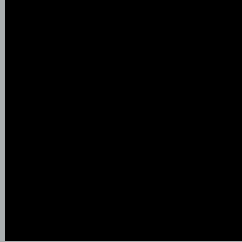
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

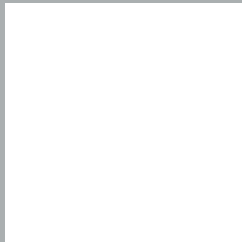
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 1.927, 215.973

Background



This preview shows how black text looks on a background with the CIELCh color 71, 1.927, 215.973.



This preview shows how white text looks on a background with the CIELCh color 71, 1.927, 215.973.

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, 1.927, 215.973

Protanopia

71, 1.583, 335.582

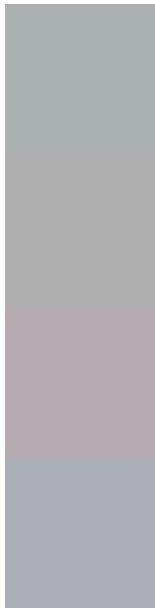
Deuteranopia

71, 9.357, 348.634



Tritanopia
71, 7.672, 285.524

Trichromacy



Original Color

71, 1.927, 215.973

Protanomaly

71, 0.554, 290.337

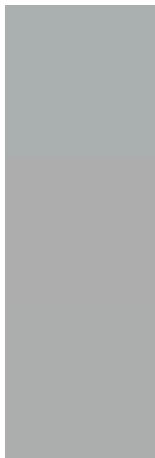
Deuteranomaly

71, 5.941, 339.857

Tritanomaly

71, 5.018, 278.052

Monochromacy



Original Color

71, 1.927, 215.973

Achromatopsia

71, 0.009, 296.813

Achromatomaly

71, 0.747, 200.009

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 1.927, 215.973 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(170, 175, 176)` looks like.

```
.text, #text, p{  
    color:rgb(170, 175, 176)  
}
```

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(170, 175, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 175, 176) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 1.927, 215.973 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(170, 175, 176) }
```

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

```
.border{ border-color:rgb(170, 175, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 175, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 175, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 175, 176);  
box-shadow:4px 4px 4px 4px rgb(170, 175,  
176) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 1.927, 215.973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 175, 176) }
```

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

```
.background{ background-color: rgb(170,  
175, 176) }
```

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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