

Converting Colors

CIELCh(71, 8.788, 176.222)

Have a look what the booklet for
CIELCh(71, 8.788, 176.222) contains.

CIELCh(71, 9.020, 173.632)	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, 9.020, 173.632)

Conversions

Conversions Part 1

Format	Color
Hex	9DB3AC
RGB	157, 179, 172
RGB Percent	62%, 70%, 67%
CMY	0.3857, 0.2995, 0.3269
CMYK	0.12, 0.00, 0.04, 0.30
HSL	161°, 13%, 66%
HSV	161°, 12%, 70%
XYZ	37.2905, 42.1875, 45.0220
YIQ	171.6240, -10.8650, -6.8410

Conversions

Conversions Part 2

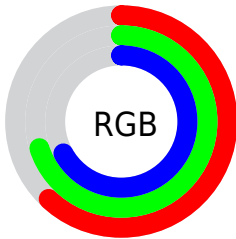
Format	Color
RYB	157, 170, 179
Decimal	10335148
CIELab	71.00, -8.96, 1.00
CIElCh	71, 9.020, 173.632
Yxy	42.1875, 0.2995, 0.3389
Android (android.graphics.Color)	4288525228 (0xFF9DB3AC)
YUV	171.6240, 0.1854, -12.8252
Hunter-Lab	64.9519, -11.1845, 4.3689

Details

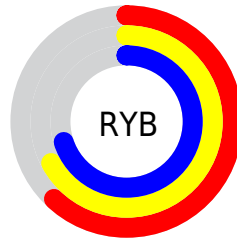
The CIELCh color **71, 9.020, 173.632** is a light color, and the websafe version is hex **999999**. A complement of this color would be **67, 9.321, 355.835**, and the grayscale version is **70, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 9.143, 171.888**, and **51, 8.622, 174.569** is the 20% darker color. If you saturate the color by 10%, you get **70, 16.190, 172.611**, and if you desaturate by 10%, it is **72, 1.701, 174.756**.

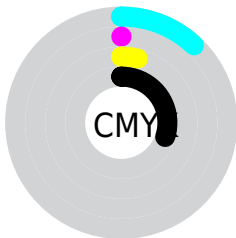
Distribution



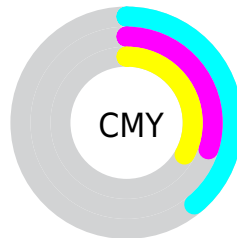
- Red (62%)
- Green (70%)
- Blue (67%)



- Red (62%)
- Yellow (67%)
- Blue (70%)



- Cyan (12%)
- Magenta (0%)
- Yellow (4%)
- Black (30%)



- Cyan (39%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 71, 9.020, 173.632 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, 9.020, 173.632 by changing the saturation by 10% instead.

■ 71, 9.020, 173.632

■ 71, 9.020, 173.632

■ 100, 9.020,
173.632

■ 61, 9.020, 173.632

■ 91, 9.020, 173.632

■ 51, 9.020, 173.632

■ 41, 9.020, 173.632

■ 31, 9.020, 173.632

■ 21, 9.020, 173.632

■ 11, 9.020, 173.632

■ 1, 9.020, 173.632

■ 0, 9.020, 173.632

■ 71, 9.020, 173.632

■ 71, 9.020, 173.632

70, 16.190,
172.611

72, 1.701, 174.756

69, 23.101,
171.524

74, 5.683, 355.290

68, 29.636,
170.338

76, 13.058,
356.147

67, 35.676,
169.029

78, 20.369,
356.931

66, 41.107,
167.574

80, 27.573,
357.672

65, 45.842,
165.947

81, 31.664,
355.514

65, 49.836,
164.129

81, 32.855,
350.686

65, 53.104,
162.111

81, 34.281,
346.251

65, 55.277,

81, 35.912,
342.221

160.496

Harmonies

Complementary

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



71, 9.020, 173.632



67, 9.321, 355.835

Rectangle

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



71, 9.020, 173.632



71, 9.020, 223.632



71, 9.020, 353.632



71, 9.020, 43.632

Sweetspot

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



71, 9.021, 173.626



91, 3.639, 174.489



71, 13.252, 134.157



49, 2.607, 174.399



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



71, 9.021, 173.626



89, 13.563, 173.333



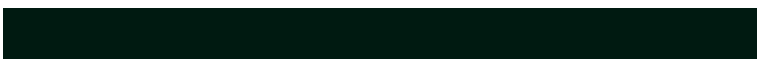
70, 6.888, 215.932



37, 4.155, 173.925



56, 49.076, 160.789



7, 10.819, 167.972

Inverse Universe

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



67, 9.321, 355.835



83, 14.123, 356.154



67, 7.452, 35.596



35, 4.260, 355.518



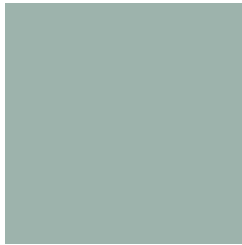
32, 59.149, 18.534



2, 9.765, 359.825

Previews

White Background



This preview shows how the CIELCh color 71, 9.020, 173.632 looks on a white background.

Color Contrast Check

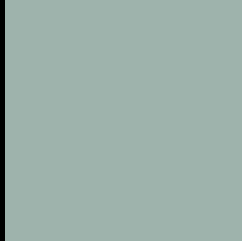
Large Text (above 18pt) WCAG AA × Fail

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, 9.020, 173.632 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

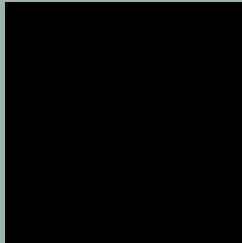
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

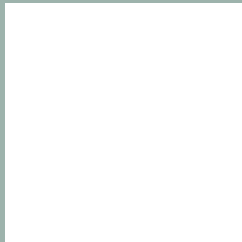
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 9.020, 173.632

Background



This preview shows how black text looks on a background with the CIELCh color 71, 9.020, 173.632.



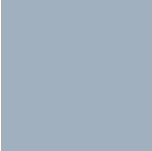
This preview shows how white text looks on a background with the CIELCh color 71, 9.020, 173.632.

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](#).

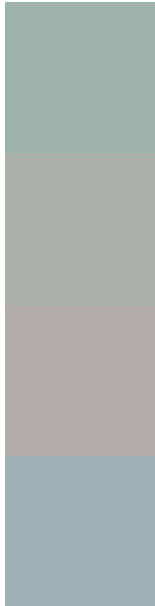
Dichromacy





Tritanopia
71, 9.391, 253.848

Trichromacy



Original Color
71, 9.020, 173.632

Protanomaly
71, 3.788, 139.696

Deuteranomaly
71, 2.337, 5.914

Tritanomaly
71, 7.183, 226.204

Monochromacy



Original Color
71, 9.020, 173.632

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 3.427, 170.693

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 9.020, 173.632 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(157, 179, 172)` looks like.

```
.text, #text, p{  
    color:rgb(157, 179, 172)  
}
```

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(157, 179, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 179, 172) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 9.020, 173.632 is called "border". The border property can be set on classes, ids or directly on the HTML element.

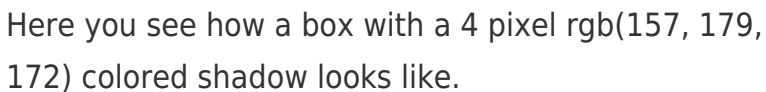
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 179, 172) }
```

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

```
.border{ border-color:rgb(157, 179, 172) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 179, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 179, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 179, 172); box-shadow:4px 4px 4px 4px rgb(157, 179, 172) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 9.020, 173.632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 179, 172) }
```

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

```
.background{ background-color: rgb(157,  
179, 172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor