

Converting Colors

CIE LCh(72, 9.010, 256.208)

Have a look what the booklet for
CIELCh(72, 9.010, 256.208) contains.

CIELCh(72, 8.991, 257.426)	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(72, 8.991, 257.426)

Conversions

Conversions Part 1

Format	Color
Hex	A4B2C0
RGB	164, 178, 192
RGB Percent	64%, 70%, 75%
CMY	0.3560, 0.3011, 0.2462
CMYK	0.15, 0.07, 0.00, 0.25
HSL	210°, 18%, 70%
HSV	210°, 15%, 75%
XYZ	40.8575, 43.6590, 56.2718
YIQ	175.4100, -12.8380, 1.3860

Conversions

Conversions Part 2

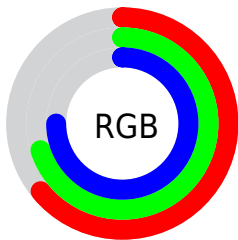
Format	Color
RYB	164, 173, 192
Decimal	10793664
CIELab	72.00, -1.96, -8.78
CIELCh	72, 8.991, 257.426
Yxy	43.6590, 0.2902, 0.3101
Android (android.graphics.Color)	4288983744 (0xFFA4B2C0)
YUV	175.4100, 8.1789, -10.0066
Hunter-Lab	66.0750, -5.2556, -4.2410

Details

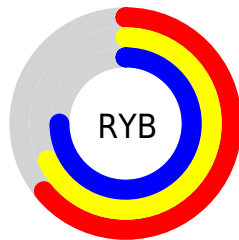
The CIELCh color `72, 8.991, 257.426` is a light color, and the websafe version is hex `999999`. A complement of this color would be `73, 9.325, 73.606`, and the grayscale version is `72, 0.009, 296.813`.

A 20% lighter version of the original color is `92, 8.767, 255.120`, and `52, 9.335, 260.111` is the 20% darker color. If you saturate the color by 10%, you get `68, 15.073, 259.060`, and if you desaturate by 10%, it is `76, 2.836, 256.102`.

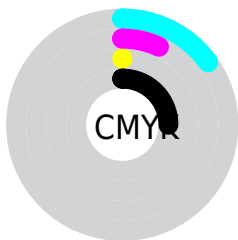
Distribution



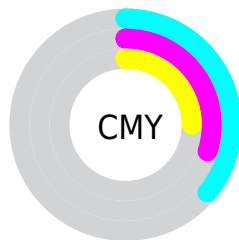
- Red (64%)
- Green (70%)
- Blue (75%)



- Red (64%)
- Yellow (68%)
- Blue (75%)



- Cyan (15%)
- Magenta (7%)
- Yellow (0%)
- Black (25%)



- Cyan (36%)
- Magenta (30%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 8.991, 257.426 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, 8.991, 257.426 by changing the saturation by 10% instead.

■ 72, 8.991, 257.426

■ 72, 8.991, 257.426

■ 100, 8.991,
257.426

■ 62, 8.991, 257.426

■ 92, 8.991, 257.426

■ 52, 8.991, 257.426

■ 42, 8.991, 257.426

■ 32, 8.991, 257.426

■ 22, 8.991, 257.426

■ 12, 8.991, 257.426

■ 2, 8.991, 257.426

■ 0, 8.991, 257.426

■ 72, 8.991, 257.426

■ 72, 8.991, 257.426

68, 15.073,
259.060

76, 2.836, 256.102

64, 21.061,
261.027

80, 3.365, 74.681

60, 26.936,
263.370

84, 9.590, 73.735

57, 32.694,
266.147

92, 20.826, 76.670

53, 38.350,
269.403

94, 23.549, 90.228

50, 43.953,
273.149

96, 27.289,
100.406

46, 49.580,
277.334

99, 31.606,
107.773

43, 55.325,
281.822

42, 58.543,

Harmonies

Complementary

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



72, 8.991, 257.426



73, 9.325, 73.606

Rectangle

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



72, 8.991, 257.426



72, 8.991, 307.426



72, 8.991, 77.426



72, 8.991, 127.426

Sweetspot

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



72, 8.990, 257.416



96, 3.074, 256.053



75, 12.996, 161.569



51, 2.183, 256.128



99, 0.012, 296.813



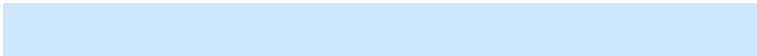
52, 0.007, 296.813

Same Dimension

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



72, 8.990, 257.416



90, 12.962, 257.831



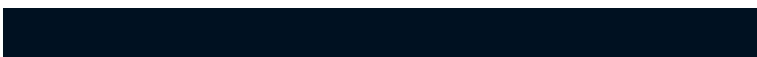
68, 15.167, 291.087



39, 3.531, 256.681



35, 50.581, 283.544



5, 12.821, 269.398

Inverse Universe

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



70, 13.075, 344.857



87, 18.933, 345.113



77, 14.691, 108.093



38, 5.091, 344.378



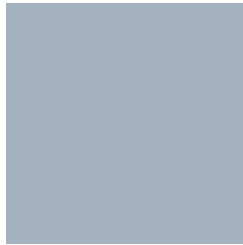
34, 60.043, 1.496



3, 15.831, 352.330

Previews

White Background



This preview shows how the CIELCh color 72, 8.991, 257.426 looks on a white background.

Color Contrast Check

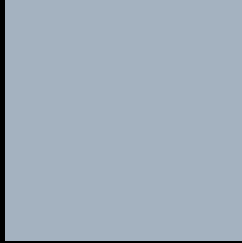
Large Text (above 18pt) WCAG AA × Fail

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 72, 8.991, 257.426 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

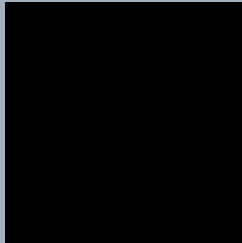
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

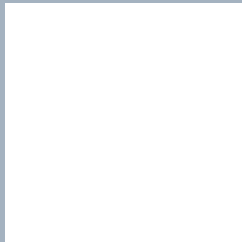
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 8.991, 257.426

Background



This preview shows how black text looks on a background with the CIELCh color 72, 8.991, 257.426.

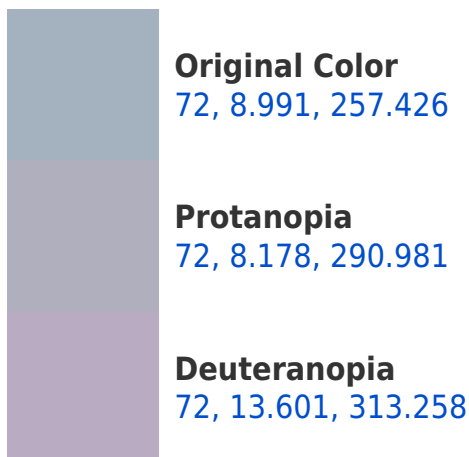


This preview shows how white text looks on a background with the CIELCh color 72, 8.991, 257.426.

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
72, 8.991, 257.426

Trichromacy



Original Color
72, 8.991, 257.426

Protanomaly
72, 8.332, 278.551

Deuteranomaly
72, 10.437, 297.122

Tritanomaly
72, 8.991, 257.426

Monochromacy



Original Color
72, 8.991, 257.426

Achromatopsia
72, 0.009, 296.813

Achromatomaly
72, 3.260, 256.206

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 8.991, 257.426 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(164, 178, 192)` looks like.

```
.text, #text, p{  
    color:rgb(164, 178, 192)  
}
```

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(164, 178, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 178, 192) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 8.991, 257.426 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(164, 178, 192) }
```

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

```
.border{ border-color:rgb(164, 178, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 178, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 178, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 178, 192);  
box-shadow:4px 4px 4px 4px rgb(164, 178,  
192) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 8.991, 257.426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 178, 192) }
```

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

```
.background{ background-color: rgb(164,  
178, 192) }
```

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