

Converting Colors

CIELCh(72, 8.163, 246.521)

Have a look what the booklet for
CIELCh(72, 8.163, 246.521) contains.

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Color

CIELCh(72, 8.156, 246.512)

Conversions

Conversions Part 1

Format	Color
Hex	A3B3BE
RGB	163, 179, 190
RGB Percent	64%, 70%, 75%
CMY	0.3614, 0.2986, 0.2555
CMYK	0.14, 0.06, 0.00, 0.26
HSL	204°, 17%, 69%
HSV	204°, 14%, 74%
XYZ	40.4389, 43.6590, 54.9206
YIQ	175.4700, -13.0670, 0.0290

Conversions

Conversions Part 2

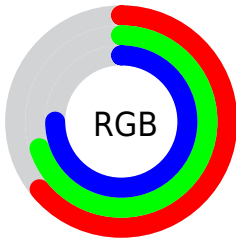
Format	Color
RYB	163, 173, 190
Decimal	10728382
CIELab	72.00, -3.25, -7.48
CIELCh	72, 8.156, 246.512
Yxy	43.6590, 0.2909, 0.3141
Android (android.graphics.Color)	4288918462 (0xFFA3B3BE)
YUV	175.4700, 7.1633, -10.9362
Hunter-Lab	66.0750, -6.3866, -3.0285

Details

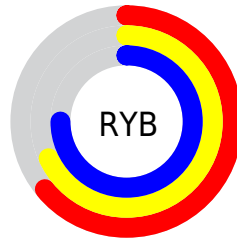
The CIELCh color $72, 8.156, 246.512$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 8.633, 63.269$, and the grayscale version is $72, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 8.034, 244.373$, and $52, 8.366, 249.043$ is the 20% darker color. If you saturate the color by 10%, you get $69, 13.686, 247.961$, and if you desaturate by 10%, it is $75, 2.453, 245.397$.

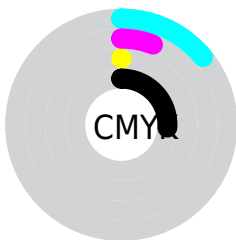
Distribution



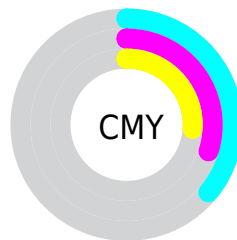
- Red (64%)
- Green (70%)
- Blue (75%)



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



- Cyan (14%)
- Magenta (6%)
- Yellow (0%)
- Black (26%)



- Cyan (36%)
- Magenta (30%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 8.156, 246.512 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, 8.156, 246.512 by changing the saturation by 10% instead.

■ 72, 8.156, 246.512

■ 72, 8.156, 246.512

■ 100, 8.156,
246.512

■ 62, 8.156, 246.512

■ 92, 8.156, 246.512

■ 52, 8.156, 246.512

■ 42, 8.156, 246.512

■ 32, 8.156, 246.512

■ 22, 8.156, 246.512

■ 12, 8.156, 246.512

■ 2, 8.156, 246.512

■ 0, 8.156, 246.512

■ 72, 8.156, 246.512

■ 72, 8.156, 246.512

69, 13.686,
247.961

75, 2.453, 245.397

65, 19.002,
249.752

79, 3.380, 64.084

82, 9.309, 63.314

62, 24.065,
251.935

86, 15.302, 62.617

59, 28.845,
254.582

89, 20.528, 64.038

91, 21.669, 76.639

56, 33.335,
257.762

93, 23.740, 87.437

53, 37.567,
261.522

95, 26.509, 96.163

50, 41.615,
265.854

97, 29.764,
103.034

48, 45.604,
270.660

46, 47.974,

273.448

Harmonies

Complementary

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



72, 8.156, 246.512



72, 8.633, 63.269

Rectangle

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



72, 8.156, 246.512



72, 8.156, 296.512



72, 8.156, 66.512



72, 8.156, 116.512

Sweetspot

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



72, 8.155, 246.501



96, 2.884, 245.386



75, 13.362, 157.545



51, 2.064, 245.444



99, 0.012, 296.813



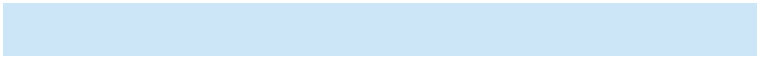
52, 0.007, 296.813

Same Dimension

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



72, 8.155, 246.501



90, 12.036, 246.915



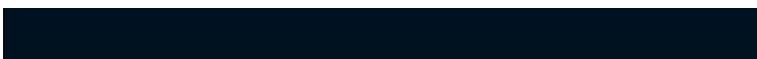
68, 13.391, 287.434



38, 3.256, 245.902



39, 41.430, 272.693



5, 10.538, 259.511

Inverse Universe

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



70, 13.442, 340.044



87, 19.971, 340.301



76, 13.058, 104.321



37, 5.308, 339.641



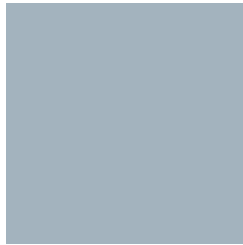
34, 61.071, 353.113



3, 14.789, 346.109

Previews

White Background



This preview shows how the CIELCh color 72, 8.156, 246.512 looks on a white background.

Color Contrast Check

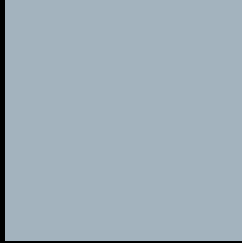
Large Text (above 18pt) WCAG AA × Fail

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, 8.156, 246.512 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

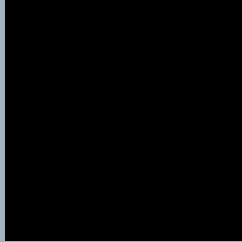
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

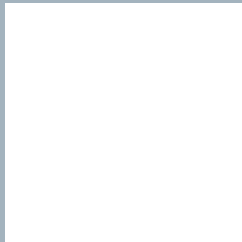
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 8.156, 246.512

Background



This preview shows how black text looks on a background with the CIELCh color 72, 8.156, 246.512.



This preview shows how white text looks on a background with the CIELCh color 72, 8.156, 246.512.

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

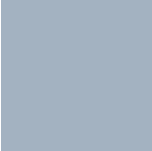
72, 8.156, 246.512

Protanopia

72, 7.103, 293.810

Deuteranopia

72, 12.270, 317.723



Tritanopia
72, 9.619, 257.572

Trichromacy



Original Color
72, 8.156, 246.512

Protanomaly
72, 7.276, 276.536

Deuteranomaly
72, 9.407, 299.933

Tritanomaly
72, 9.178, 255.585

Monochromacy



Original Color
72, 8.156, 246.512

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 2.833, 249.882

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 8.156, 246.512 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(163, 179, 190)` looks like.

```
.text, #text, p{  
    color:rgb(163, 179, 190)  
}
```

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(163, 179, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 179, 190) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 8.156, 246.512 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(163, 179, 190) }
```

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

```
.border{ border-color:rgb(163, 179, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 179, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 179, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 179, 190);  
box-shadow:4px 4px 4px 4px rgb(163, 179,  
190) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 8.156, 246.512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 179, 190) }
```

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

```
.background{ background-color: rgb(163,  
179, 190) }
```

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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