

Converting Colors

CIELCh(72, 10.383, 234.086)

Have a look what the booklet for
CIELCh(72, 10.383, 234.086)
contains.

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Color

CIELCh(72, 10.195, 235.022)

Conversions

Conversions Part 1

Format	Color
Hex	9CB4BF
RGB	156, 180, 191
RGB Percent	61%, 71%, 75%
CMY	0.3869, 0.2928, 0.2496
CMYK	0.18, 0.06, 0.00, 0.25
HSL	199°, 22%, 68%
HSV	199°, 18%, 75%
XYZ	39.6079, 43.6590, 55.8293
YIQ	174.0780, -17.8350, -1.6670

Conversions

Conversions Part 2

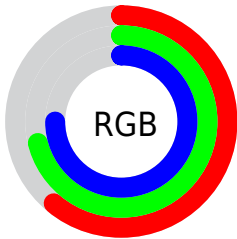
Format	Color
R _Y B	156, 170, 191
Decimal	10269887
CIE Lab	72.00, -5.84, -8.35
CIE LCh	72, 10.195, 235.022
Yxy	43.6590, 0.2848, 0.3139
Android (android.graphics.Color)	4288459967 (0xFF9CB4BF)
YUV	174.0780, 8.3425, -15.8544
Hunter-Lab	66.0750, -8.6315, -3.8439

Details

The CIELCh color $72, 10.195, 235.022$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $70, 11.270, 52.030$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 10.068, 233.521$, and $52, 10.386, 236.925$ is the 20% darker color. If you saturate the color by 10%, you get $69, 15.377, 236.236$, and if you desaturate by 10%, it is $75, 4.722, 234.084$.

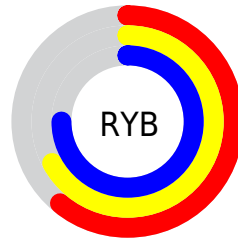
Distribution



Red (61%)

Green (71%)

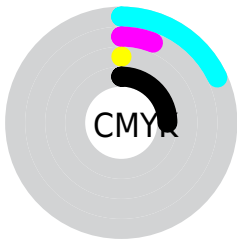
Blue (75%)



Red (61%)

Yellow (67%)

Blue (75%)

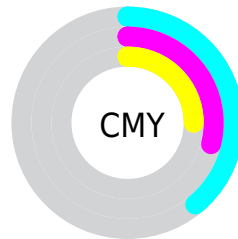


Cyan (18%)

Magenta (6%)

Yellow (0%)

Black (25%)



Cyan (39%)


Magenta (29%)


Yellow (25%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 10.195, 235.022 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, 10.195, 235.022 by changing the saturation by 10% instead.


 72, 10.195,
235.022


 72, 10.195,
235.022


 100, 10.195,
235.022


 62, 10.195,
235.022


 92, 10.195,
235.022

 52, 10.195,
235.022

 42, 10.195,
235.022

 32, 10.195,
235.022

 22, 10.195,
235.022

 12, 10.195,
235.022

 2, 10.195, 235.022

0, 10.195, 235.022

72, 10.195,
235.022

72, 10.195,
235.022

69, 15.377,
236.236

75, 4.722, 234.084

66, 20.204,
237.787

78, 0.982, 52.710

64, 24.614,
239.739

81, 6.862, 52.509

61, 28.558,
242.177

84, 12.874, 52.045

59, 32.014,
245.188

87, 18.979, 51.660

56, 35.005,
248.846

89, 19.899, 60.652

91, 20.497, 71.065

92, 21.732, 80.548

■ 54, 37.613,
253.175

■ 94, 23.496, 88.761

■ 52, 40.013,
258.046

■ 52, 40.436,
258.864

Harmonies

Complementary

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



72, 10.195, 235.022



70, 11.270, 52.030

Rectangle

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



72, 10.195, 235.022



72, 10.195, 285.022



72, 10.195, 55.022



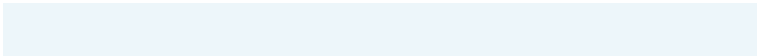
72, 10.195, 105.022

Sweetspot

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



72, 10.195, 235.013



96, 3.558, 233.877



74, 18.668, 152.947



51, 2.423, 233.915



99, 0.012, 296.813



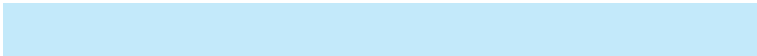
52, 0.007, 296.813

Same Dimension

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



72, 10.195, 235.013



90, 15.080, 235.474



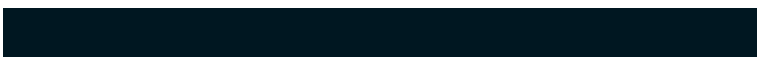
67, 15.594, 282.740



39, 3.253, 234.168



44, 35.283, 258.131



6, 10.671, 247.464

Inverse Universe

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



68, 18.624, 336.141



85, 27.861, 336.452



75, 15.286, 98.309



38, 5.797, 335.477



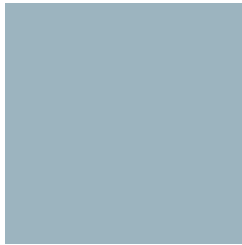
35, 64.895, 345.700



3, 18.038, 341.076

Previews

White Background



This preview shows how the CIELCh color 72, 10.195, 235.022 looks on a white background.

Color Contrast Check

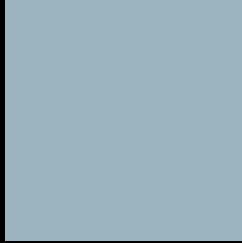
Large Text (above 18pt) WCAG AA × Fail

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, 10.195, 235.022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

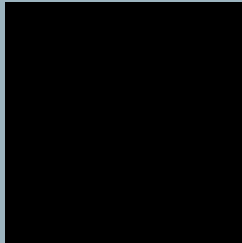
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

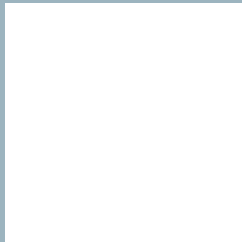
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 10.195, 235.022

Background



This preview shows how black text looks on a background with the CIELCh color 72, 10.195, 235.022.



This preview shows how white text looks on a background with the CIELCh color 72, 10.195, 235.022.

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, 10.195, 235.022

Protanopia

72, 7.103, 293.810

Deuteranopia

72, 13.100, 314.146



Tritanopia
72, 10.903, 243.500

Trichromacy



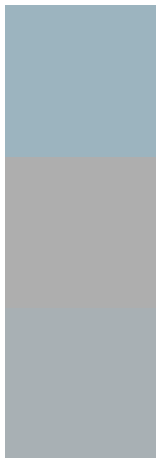
Original Color
72, 10.195, 235.022

Protanomaly
72, 7.085, 266.871

Deuteranomaly
72, 9.833, 293.235

Tritanomaly
72, 10.559, 241.209

Monochromacy



Original Color
72, 10.195, 235.022

Achromatopsia
71, 0.009, 296.813

Achromatomaly
71, 3.626, 236.386

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 10.195, 235.022 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(156, 180, 191)` looks like.

```
.text, #text, p{  
    color:rgb(156, 180, 191)  
}
```

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(156, 180, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 180, 191) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 10.195, 235.022 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(156, 180, 191) }
```

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

```
.border{ border-color:rgb(156, 180, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 180, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 180, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 180, 191);  
box-shadow:4px 4px 4px 4px rgb(156, 180,  
191) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 10.195, 235.022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 180, 191) }
```

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

```
.background{ background-color: rgb(156,  
180, 191) }
```

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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