

Converting Colors

CIELCh(72, 10.577, 241.549)

Have a look what the booklet for
CIELCh(72, 10.577, 241.549)
contains.

CIELCh(72, 10.559, 241.209)	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, 10.559, 241.209)

Conversions

Conversions Part 1

Format	Color
Hex	9DB4C1
RGB	157, 180, 193
RGB Percent	62%, 71%, 76%
CMY	0.3843, 0.2941, 0.2431
CMYK	0.19, 0.07, 0.00, 0.24
HSL	202°, 22%, 69%
HSV	202°, 19%, 76%
XYZ	39.8498, 43.6590, 56.7765
YIQ	174.6050, -17.8810, -0.8330

Conversions

Conversions Part 2

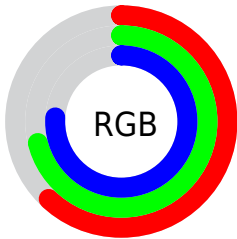
Format	Color
RYB	157, 171, 193
Decimal	10335425
CIELab	72.00, -5.09, -9.25
CIELCh	72, 10.559, 241.209
Yxy	43.6590, 0.2841, 0.3112
Android (android.graphics.Color)	4288525505 (0xFF9DB4C1)
YUV	174.6050, 9.0687, -15.4396
Hunter-Lab	66.0750, -7.9778, -4.6939

Details

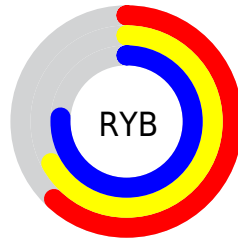
The CIELCh color $72, 10.559, 241.209$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $71, 11.559, 57.464$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 10.387, 239.510$, and $52, 10.812, 243.357$ is the 20% darker color. If you saturate the color by 10%, you get $69, 15.886, 242.646$, and if you desaturate by 10%, it is $75, 4.986, 240.065$.

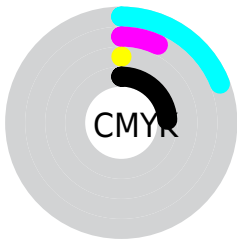
Distribution



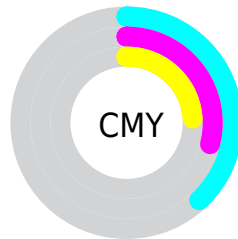
- Red (62%)
- Green (71%)
- Blue (76%)



- Red (62%)
- Yellow (67%)
- Blue (76%)



- Cyan (19%)
- Magenta (7%)
- Yellow (0%)
- Black (24%)





- Cyan (38%)
- Magenta (29%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 10.559, 241.209 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, 10.559, 241.209 by changing the saturation by 10% instead.


 72, 10.559,
241.209


 72, 10.559,
241.209


 100, 10.559,
241.209


 62, 10.559,
241.209


 92, 10.559,
241.209

 52, 10.559,
241.209

 42, 10.559,
241.209

 32, 10.559,
241.209

 22, 10.559,
241.209

 12, 10.559,
241.209

 2, 10.559, 241.209

0, 10.559, 241.209

72, 10.559,
241.209

72, 10.559,
241.209

69, 15.886,
242.646

75, 4.986, 240.065

79, 0.782, 58.423

66, 20.913,
244.440

82, 6.697, 58.151

63, 25.591,
246.657

85, 12.721, 57.534

60, 29.887,
249.378

89, 18.818, 57.008

90, 19.723, 68.592

57, 33.793,
252.678

92, 21.055, 80.086

55, 37.350,
256.608

94, 23.125, 89.802

■ 52, 40.655,
261.155

■ 96, 25.743, 97.665

■ 50, 43.882,
266.127

■ 50, 44.334,
266.776

Harmonies

Complementary

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



72, 10.559, 241.209



71, 11.559, 57.464

Rectangle

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



72, 10.559, 241.209



72, 10.559, 291.209



72, 10.559, 61.209



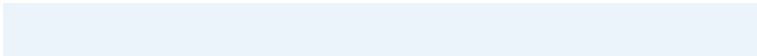
72, 10.559, 111.209

Sweetspot

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



72, 10.559, 241.201



96, 4.283, 239.837



75, 18.457, 154.956



51, 2.837, 239.891



99, 0.012, 296.813



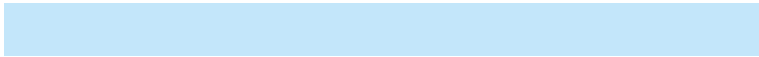
52, 0.007, 296.813

Same Dimension

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



72, 10.559, 241.201



89, 15.250, 241.697



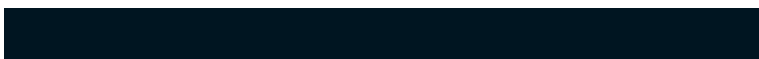
67, 16.963, 285.550



39, 3.274, 240.135



42, 38.341, 266.009



6, 11.088, 254.319

Inverse Universe

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



69, 18.509, 338.235



84, 26.976, 338.538



76, 16.507, 101.204



38, 5.606, 337.502



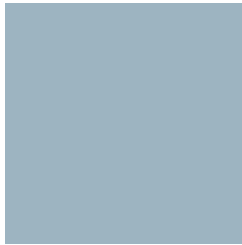
35, 63.174, 349.320



3, 17.365, 343.894

Previews

White Background



This preview shows how the CIELCh color 72, 10.559, 241.209 looks on a white background.

Color Contrast Check

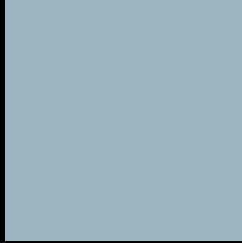
Large Text (above 18pt) WCAG AA × Fail

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, 10.559, 241.209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

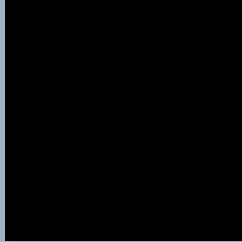
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

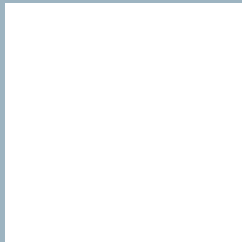
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 10.559, 241.209

Background



This preview shows how black text looks on a background with the CIELCh color 72, 10.559, 241.209.



This preview shows how white text looks on a background with the CIELCh color 72, 10.559, 241.209.

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, 10.559, 241.209

Protanopia
72, 8.178, 290.981

Deuteranopia
72, 14.105, 312.436



Tritanopia
72, 10.903, 243.500

Trichromacy



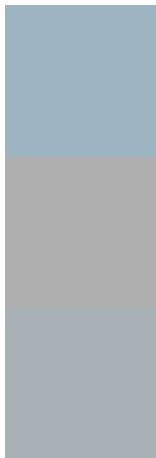
Original Color
72, 10.559, 241.209

Protanomaly
72, 8.209, 267.866

Deuteranomaly
72, 10.923, 293.121

Tritanomaly
72, 10.903, 243.500

Monochromacy



Original Color
72, 10.559, 241.209

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 4.229, 239.480

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 10.559, 241.209 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, 180, 193)` looks like.

```
.text, #text, p{  
    color:rgb(157, 180, 193)  
}
```

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, 180, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 180, 193) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 10.559, 241.209 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, 180, 193) }
```

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

```
.border{ border-color:rgb(157, 180, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 180, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 180, 193); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 180, 193); box-shadow:4px 4px 4px 4px rgb(157, 180, 193) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 10.559, 241.209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 180, 193) }
```

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

```
.background{ background-color: rgb(157,  
180, 193) }
```

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