

Converting Colors

CIELCh(72, 11.091, 248.503)

Have a look what the booklet for
CIELCh(72, 11.091, 248.503)
contains.

CIELCh(72, 11.035, 246.923)	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, 11.035, 246.923)

Conversions

Conversions Part 1

Format	Color
Hex	9EB4C3
RGB	158, 180, 195
RGB Percent	62%, 71%, 76%
CMY	0.3817, 0.2955, 0.2367
CMYK	0.19, 0.08, 0.00, 0.24
HSL	204°, 23%, 69%
HSV	204°, 19%, 76%
XYZ	40.0931, 43.6590, 57.7322
YIQ	175.1320, -17.9270, 0.0010

Conversions

Conversions Part 2

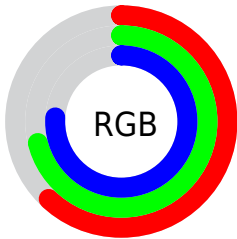
Format	Color
R_{YB}	158, 172, 195
Decimal	10400963
CIE Lab	72.00, -4.33, -10.15
CIE LCh	72, 11.035, 246.923
Yxy	43.6590, 0.2834, 0.3086
Android (android.graphics.Color)	4288591043 (0xFF9EB4C3)
YUV	175.1320, 9.7949, -15.0248
Hunter-Lab	66.0750, -7.3205, -5.5515

Details

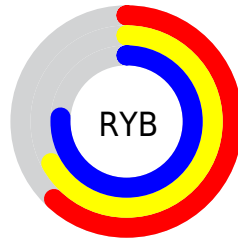
The CIELCh color $72, 11.035, 246.923$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 11.945, 62.562$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 11.165, 247.070$, and $52, 10.957, 247.035$ is the 20% darker color. If you saturate the color by 10%, you get $69, 16.569, 248.526$, and if you desaturate by 10%, it is $75, 5.301, 245.620$.

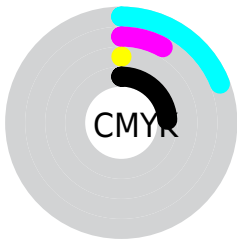
Distribution



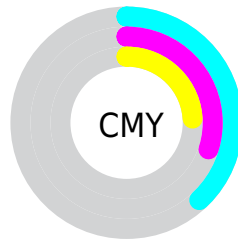
- Red (62%)
- Green (71%)
- Blue (76%)



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



- Cyan (19%)
- Magenta (8%)
- Yellow (0%)
- Black (24%)





- Cyan (38%)
- Magenta (30%)
- Yellow (24%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 11.035, 246.923 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, 11.035, 246.923 by changing the saturation by 10% instead.


 72, 11.035,
246.923


 72, 11.035,
246.923


 100, 11.035,
246.923


 62, 11.035,
246.923


 92, 11.035,
246.923

 52, 11.035,
246.923

 42, 11.035,
246.923

 32, 11.035,
246.923

 22, 11.035,
246.923

 12, 11.035,
246.923

 2, 11.035, 246.923

0, 11.035, 246.923

72, 11.035,
246.923

72, 11.035,
246.923

69, 16.569,
248.526

75, 5.301, 245.620

65, 21.861,
250.495

79, 0.587, 63.698

83, 6.592, 63.446

62, 26.874,
252.893

86, 12.678, 62.705

59, 31.588,
255.792

90, 18.817, 62.064

92, 19.900, 76.144

56, 36.010,
259.255

94, 22.037, 88.066

53, 40.195,
263.307

96, 24.944, 97.460

■ 50, 44.244,
267.901

■ 98, 28.367,
104.656

■ 48, 48.324,
272.804

■ 47, 48.746,
273.272

Harmonies

Complementary

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



72, 11.035, 246.923



72, 11.945, 62.562

Rectangle

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



72, 11.035, 246.923



72, 11.035, 296.923



72, 11.035, 66.923



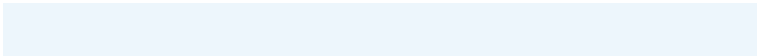
72, 11.035, 116.923

Sweetspot

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



72, 11.034, 246.915



96, 4.381, 245.315



76, 18.229, 157.117



52, 2.927, 245.380



0, 0.000, 0.000



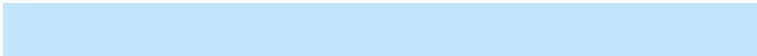
53, 0.007, 296.813

Same Dimension

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



72, 11.034, 246.915



89, 16.384, 247.577



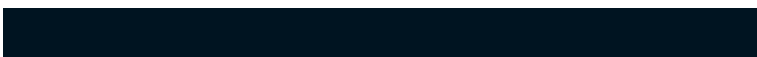
67, 18.419, 288.070



39, 3.325, 245.661



39, 41.797, 272.494



5, 11.583, 259.938

Inverse Universe

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



69, 18.423, 340.354



85, 27.605, 340.736



77, 17.807, 103.812



38, 5.434, 339.548



35, 61.833, 352.988



3, 16.804, 346.588

Previews

White Background



This preview shows how the CIELCh color 72, 11.035, 246.923 looks on a white background.

Color Contrast Check

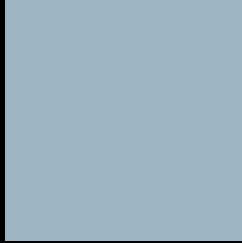
Large Text (above 18pt) WCAG AA × Fail

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, 11.035, 246.923 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

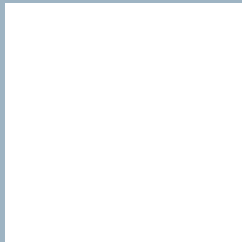
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 11.035, 246.923

Background



This preview shows how black text looks on a background with the CIELCh color 72, 11.035, 246.923.

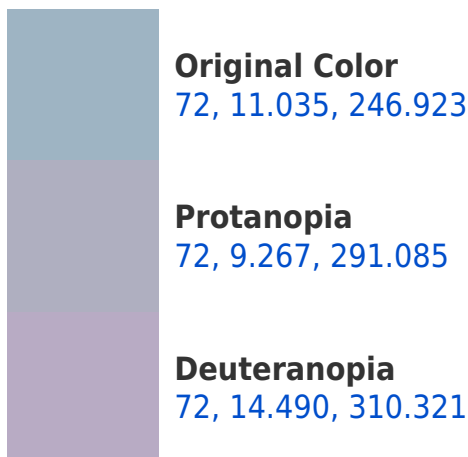


This preview shows how white text looks on a background with the CIELCh color 72, 11.035, 246.923.

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, 10.666, 244.774

Trichromacy



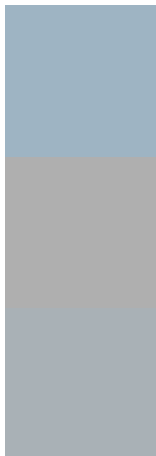
Original Color
72, 11.035, 246.923

Protanomaly
72, 9.105, 272.801

Deuteranomaly
72, 12.001, 291.349

Tritanomaly
72, 10.666, 244.774

Monochromacy



Original Color
72, 11.035, 246.923

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 3.961, 242.867

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 11.035, 246.923 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(158, 180, 195)` looks like.

```
.text, #text, p{  
    color:rgb(158, 180, 195)  
}
```

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(158, 180, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 180, 195) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 11.035, 246.923 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(158, 180, 195) }
```

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

```
.border{ border-color:rgb(158, 180, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 180, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 180, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 180, 195);  
box-shadow:4px 4px 4px 4px rgb(158, 180,  
195) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 11.035, 246.923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 180, 195) }
```

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

```
.background{ background-color: rgb(158,  
180, 195) }
```

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