

Converting Colors

CIELCh(72, 11.364, 149.709)

Have a look what the booklet for
CIELCh(72, 11.364, 149.709)
contains.

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Color

CIELCh(72, 10.904, 150.240)

Conversions

Conversions Part 1

Format	Color
Hex	A2B5A6
RGB	162, 181, 166
RGB Percent	64%, 71%, 65%
CMY	0.3635, 0.2889, 0.3478
CMYK	0.10, 0.00, 0.08, 0.29
HSL	133°, 11%, 67%
HSV	133°, 10%, 71%
XYZ	38.4668, 43.6590, 42.6292
YIQ	173.6090, -6.5090, -8.6930

Conversions

Conversions Part 2

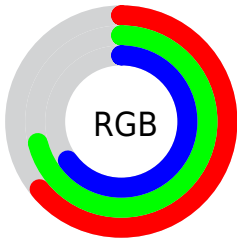
Format	Color
RYB	162, 178, 181
Decimal	10663334
CIELab	72.00, -9.47, 5.41
CIELCh	72, 10.904, 150.240
Yxy	43.6590, 0.3083, 0.3500
Android (android.graphics.Color)	4288853414 (0xFFA2B5A6)
YUV	173.6090, -3.7512, -10.1811
Hunter-Lab	66.0750, -11.7141, 8.0007

Details

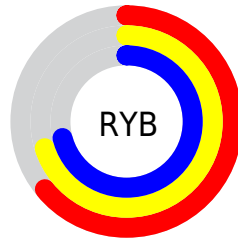
The CIELCh color $72, 10.904, 150.240$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $69, 10.943, 331.522$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 10.983, 150.012$, and $52, 10.930, 150.418$ is the 20% darker color. If you saturate the color by 10%, you get $70, 21.388, 149.469$, and if you desaturate by 10%, it is $74, 0.492, 151.456$.

Distribution



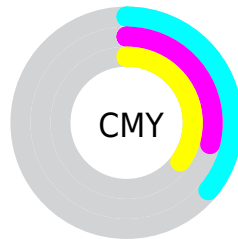
- Red (64%)
- Green (71%)
- Blue (65%)



- Red (64%)
- Yellow (70%)
- Blue (71%)



- Cyan (10%)
- Magenta (0%)
- Yellow (8%)
- Black (29%)





- Cyan (36%)
- Magenta (29%)
- Yellow (35%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 72, 10.904, 150.240 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, 10.904, 150.240 by changing the saturation by 10% instead.


 72, 10.904,
150.240


 72, 10.904,
150.240


 100, 10.904,
150.240


 62, 10.904,
150.240


 92, 10.904,
150.240

 52, 10.904,
150.240

 42, 10.904,
150.240

 32, 10.904,
150.240

 22, 10.904,
150.240

 12, 10.904,
150.240

 2, 10.904, 150.240

72, 10.904,
150.240

72, 10.904,
150.240

70, 21.388,
149.469

74, 0.492, 151.456

69, 31.808,
148.587

76, 9.756, 331.407

68, 42.002,
147.570

78, 19.770,
331.919

67, 51.774,
146.399

80, 29.506,
332.361

66, 60.906,
145.066

82, 38.940,
332.749

65, 69.171,
143.577

83, 44.991,
327.083

83, 46.146,

■ 65, 76.356,
141.963

326.021

■ 65, 82.275,
140.292

■ 64, 86.693,
138.814

Harmonies

Complementary

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



72, 10.904, 150.240



69, 10.943, 331.522

Rectangle

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



72, 10.904, 150.240



72, 10.904, 200.240



72, 10.904, 330.240



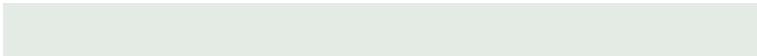
72, 10.904, 20.240

Sweetspot

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



72, 10.906, 150.239



92, 3.823, 150.800



73, 10.378, 117.294



49, 2.899, 150.730



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



72, 10.906, 150.239



90, 16.697, 150.038



72, 7.699, 175.059



38, 5.950, 150.322



56, 77.030, 139.024



8, 16.977, 148.972

Inverse Universe

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



69, 10.943, 331.522



85, 16.757, 331.701



68, 7.932, 356.897



36, 5.969, 331.447



35, 68.021, 338.630



3, 15.235, 334.458

Previews

White Background



This preview shows how the CIELCh color 72, 10.904, 150.240 looks on a white background.

Color Contrast Check

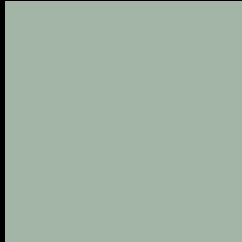
Large Text (above 18pt) WCAG AA × Fail

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, 10.904, 150.240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

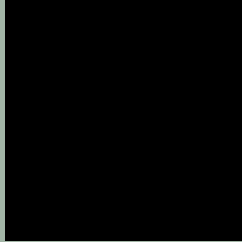
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

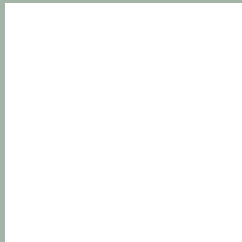
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 10.904, 150.240

Background



This preview shows how black text looks on a background with the CIELCh color 72, 10.904, 150.240.



This preview shows how white text looks on a background with the CIELCh color 72, 10.904, 150.240.

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

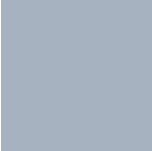
72, 10.904, 150.240

Protanopia

72, 7.409, 91.203

Deuteranopia

72, 10.079, 23.299



Tritanopia
72, 8.485, 263.438

Trichromacy



Original Color
72, 10.904, 150.240

Protanomaly
72, 7.682, 118.035

Deuteranomaly
72, 5.020, 59.956

Tritanomaly
72, 5.484, 222.559

Monochromacy



Original Color
72, 10.904, 150.240

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 4.212, 148.440

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 10.904, 150.240 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(162, 181, 166)` looks like.

```
.text, #text, p{  
    color:rgb(162, 181, 166)  
}
```

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(162, 181, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 181, 166) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 10.904, 150.240 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(162, 181, 166) }
```

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

```
.border{ border-color:rgb(162, 181, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 181, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 181, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 181, 166);  
box-shadow:4px 4px 4px 4px rgb(162, 181,  
166) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 10.904, 150.240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 181, 166) }
```

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

```
.background{ background-color: rgb(162,  
181, 166) }
```

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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