

Converting Colors

CIELCh(72, 6.490, 154.529)

Have a look what the booklet for
CIELCh(72, 6.490, 154.529) contains.

CIELCh(72, 6.941, 154.146)	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, 6.941, 154.146)

Conversions

Conversions Part 1

Format	Color
Hex	A7B4AB
RGB	167, 180, 171
RGB Percent	65%, 71%, 67%
CMY	0.3461, 0.2951, 0.3304
CMYK	0.07, 0.00, 0.05, 0.30
HSL	138°, 8%, 68%
HSV	138°, 7%, 70%
XYZ	39.4801, 43.6590, 44.7486
YIQ	175.0870, -4.8590, -5.5550

Conversions

Conversions Part 2

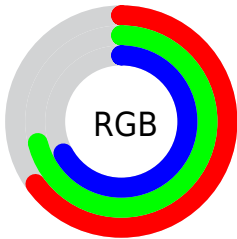
Format	Color
RYB	167, 177, 180
Decimal	10990763
CIELab	72.00, -6.25, 3.03
CIELCh	72, 6.941, 154.146
Yxy	43.6590, 0.3087, 0.3414
Android (android.graphics.Color)	4289180843 (0xFFA7B4AB)
YUV	175.0870, -2.0149, -7.0923
Hunter-Lab	66.0750, -8.9765, 6.0989

Details

The CIELCh color $72, 6.941, 154.146$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $70, 6.977, 335.040$, and the grayscale version is $71, 0.009, 296.813$.

A 20% lighter version of the original color is $92, 7.214, 153.363$, and $52, 6.708, 155.048$ is the 20% darker color. If you saturate the color by 10%, you get $70, 16.611, 153.346$, and if you desaturate by 10%, it is $74, 2.649, 334.657$.

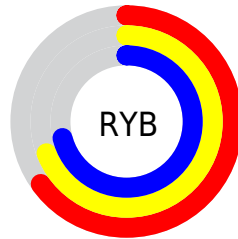
Distribution



Red (65%)

Green (71%)

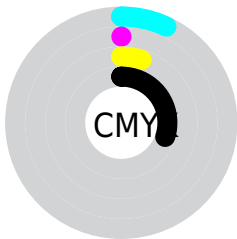
Blue (67%)



Red (65%)

Yellow (69%)

Blue (71%)

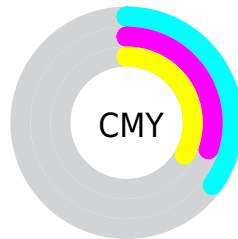


Cyan (7%)

Magenta (0%)

Yellow (5%)

Black (30%)



Cyan (35%)

Magenta (30%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 72, 6.941, 154.146 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, 6.941, 154.146 by changing the saturation by 10% instead.

■ 72, 6.941, 154.146

■ 72, 6.941, 154.146

■ 100, 6.941,
154.146

■ 62, 6.941, 154.146

■ 92, 6.941, 154.146

■ 52, 6.941, 154.146

■ 42, 6.941, 154.146

■ 32, 6.941, 154.146

■ 22, 6.941, 154.146

■ 12, 6.941, 154.146

■ 2, 6.941, 154.146

■ 0, 6.941, 154.146

■ 72, 6.941, 154.146

■ 72, 6.941, 154.146

70, 16.611,
153.346

74, 2.649, 334.657

69, 26.247,
152.456

76, 12.082,
335.348

68, 35.714,
151.439

78, 21.300,
335.893

67, 44.850,
150.271

80, 30.265,
336.375

66, 53.478,
148.932

82, 38.574,
336.128

65, 61.417,
147.410

82, 43.226,
329.892

65, 68.510,
145.708

82, 47.121,
326.054

64, 74.636,
143.849

64, 79.754,

141.916

Harmonies

Complementary

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



72, 6.941, 154.146



70, 6.977, 335.040

Rectangle

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



72, 6.941, 154.146



72, 6.941, 204.146



72, 6.941, 334.146



72, 6.941, 24.146

Sweetspot

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



72, 6.943, 154.143



92, 2.370, 154.623



73, 7.203, 121.403



49, 1.346, 154.639



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, 6.943, 154.143



91, 10.740, 153.993



72, 5.020, 182.711



37, 5.412, 153.981



55, 71.514, 141.696



7, 13.761, 151.881

Inverse Universe

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



70, 6.977, 335.040



88, 10.796, 335.183



70, 5.165, 3.818



35, 5.441, 335.195



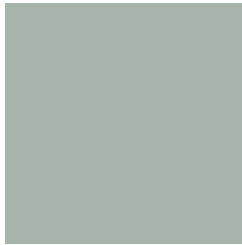
34, 62.915, 345.121



2, 12.128, 339.193

Previews

White Background



This preview shows how the CIELCh color 72, 6.941, 154.146 looks on a white background.

Color Contrast Check

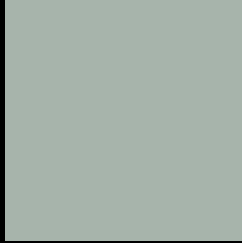
Large Text (above 18pt) WCAG AA × Fail

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, 6.941, 154.146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

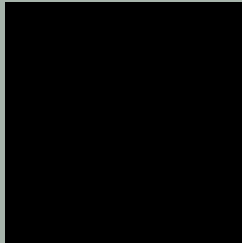
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

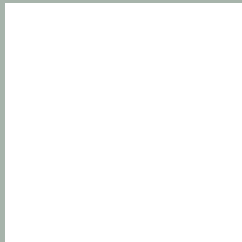
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 72, 6.941, 154.146

Background



This preview shows how black text looks on a background with the CIELCh color 72, 6.941, 154.146.

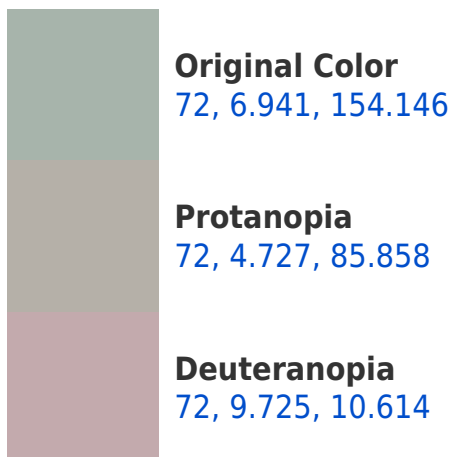


This preview shows how white text looks on a background with the CIELCh color 72, 6.941, 154.146.

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, 7.974, 272.595

Trichromacy



Original Color
72, 6.941, 154.146

Protanomaly
72, 4.357, 114.739

Deuteranomaly
72, 4.321, 34.160

Tritanomaly
72, 4.581, 244.871

Monochromacy



Original Color
72, 6.941, 154.146

Achromatopsia
71, 0.009, 296.813

Achromatomaly
72, 2.884, 150.453

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 72, 6.941, 154.146 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(167, 180, 171)` looks like.

```
.text, #text, p{  
    color:rgb(167, 180, 171)  
}
```

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(167, 180, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 180, 171) }
```

Border

The CSS property to change the border of an element to CIELCh 72, 6.941, 154.146 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(167, 180, 171) }
```

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

```
.border{ border-color:rgb(167, 180, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 180, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(167, 180, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(167, 180, 171); box-shadow:4px 4px 4px 4px rgb(167, 180, 171) }
```

Background

The CSS property to change the background color of an element to CIELCh 72, 6.941, 154.146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 180, 171) }
```

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

```
.background{ background-color: rgb(167,  
180, 171) }
```

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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