

Converting Colors

CIELCh(70, 23.016, 144.396)

Have a look what the booklet for
CIELCh(70, 23.016, 144.396)
contains.

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Color

CIELCh(70, 22.960, 143.981)

Conversions

Conversions Part 1

Format	Color
Hex	91B492
RGB	145, 180, 146
RGB Percent	57%, 71%, 57%
CMY	0.4313, 0.2940, 0.4274
CMYK	0.19, 0.00, 0.19, 0.29
HSL	122°, 19%, 64%
HSV	122°, 19%, 71%
XYZ	33.1969, 40.7494, 33.3188
YIQ	165.6590, -9.9460, -17.9940

Conversions

Conversions Part 2

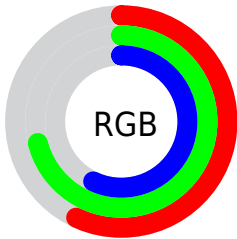
Format	Color
RYB	145, 179, 180
Decimal	9548946
CIELab	70.00, -18.57, 13.50
CIELCh	70, 22.960, 143.981
Yxy	40.7494, 0.3095, 0.3799
Android (android.graphics.Color)	4287739026 (0xFF91B492)
YUV	165.6590, -9.6919, -18.1179
Hunter-Lab	63.8353, -18.8846, 13.7382

Details

The CIELCh color **70, 22.960, 143.981** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **64, 22.982, 326.267**, and the grayscale version is **68, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 23.071, 144.194**, and **50, 23.061, 143.577** is the 20% darker color. If you saturate the color by 10%, you get **69, 34.769, 143.175**, and if you desaturate by 10%, it is **72, 11.100, 144.679**.

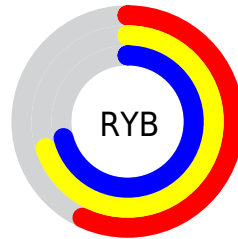
Distribution



Red (57%)

Green (71%)

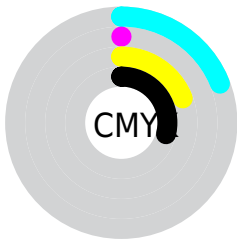
Blue (57%)



Red (57%)

Yellow (70%)

Blue (71%)

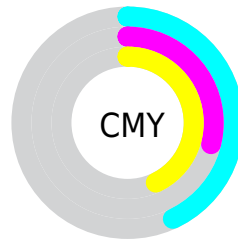


Cyan (19%)

Magenta (0%)

Yellow (19%)

Black (29%)



Cyan (43%)


Magenta (29%)


Yellow (43%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 22.960, 143.981 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 70, 22.960, 143.981 by changing the saturation by 10% instead.


 70, 22.960,
143.981


 70, 22.960,
143.981


 100, 22.960,
143.981


 60, 22.960,
143.981


 90, 22.960,
143.981

 50, 22.960,
143.981

 40, 22.960,
143.981

 30, 22.960,
143.981

 20, 22.960,
143.981

 10, 22.960,
143.981

 0, 22.960, 143.981

70, 22.960,
143.981

70, 22.960,
143.981

69, 34.769,
143.175

72, 11.100,
144.679

67, 46.312,
142.247

73, 0.658, 324.869

66, 57.319,
141.197

75, 12.200,
325.716

65, 67.460,
140.051

77, 23.453,
326.146

65, 76.345,
138.868

80, 34.371,
326.508

64, 83.543,
137.750


82, 44.932,
326.816

64, 88.649,
136.834

82, 46.950,
326.049

64, 91.565,

136.276

 64, 91.696,
136.255

Harmonies

Complementary

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



70, 22.960, 143.981



64, 22.982, 326.267

Rectangle

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



70, 22.960, 143.981



70, 22.960, 193.981



70, 22.960, 323.981



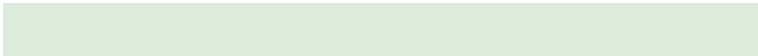
70, 22.960, 13.981

Sweetspot

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



70, 22.962, 143.981



92, 8.723, 144.897



72, 18.866, 109.027



48, 5.785, 144.855



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



70, 22.962, 143.981



88, 33.704, 143.677



70, 16.023, 162.872



37, 6.610, 144.687



55, 81.226, 136.307



6, 16.018, 145.035

Inverse Universe

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



64, 22.982, 326.267



80, 33.726, 326.485



64, 16.446, 346.254



35, 6.621, 325.699



36, 77.206, 329.383



3, 15.785, 325.627

Previews

White Background



This preview shows how the CIELCh color 70, 22.960, 143.981 looks on a white background.

Color Contrast Check

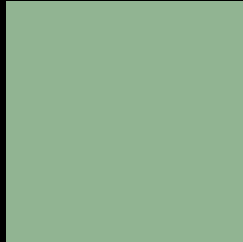
Large Text (above 18pt) WCAG AA × Fail

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 70, 22.960, 143.981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

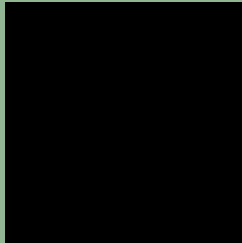
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 22.960, 143.981

Background



This preview shows how black text looks on a background with the CIELCh color 70, 22.960, 143.981.

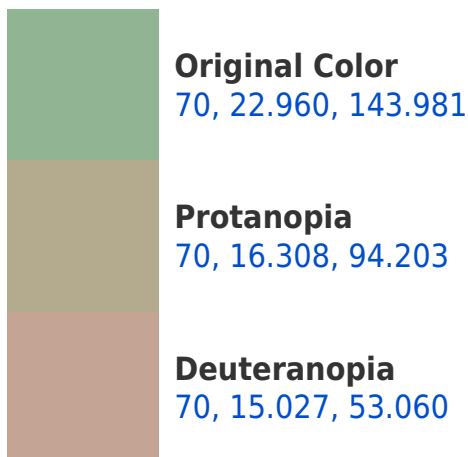


This preview shows how white text looks on a background with the CIELCh color 70, 22.960, 143.981.

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
70, 10.719, 244.851

Trichromacy



Original Color
70, 22.960, 143.981

Protanomaly
70, 17.082, 117.841

Deuteranomaly
70, 12.310, 95.876

Tritanomaly
70, 9.973, 189.098

Monochromacy



Original Color
70, 22.960, 143.981

Achromatopsia
68, 0.008, 296.813

Achromatomaly
69, 8.276, 146.168

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 22.960, 143.981 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(145, 180, 146)` looks like.

```
.text, #text, p{  
    color:rgb(145, 180, 146)  
}
```

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(145, 180, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 180, 146) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 22.960, 143.981 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(145, 180, 146) }
```

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

```
.border{ border-color:rgb(145, 180, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 180, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 180, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 180, 146);  
box-shadow:4px 4px 4px 4px rgb(145, 180,  
146) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 22.960, 143.981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 180, 146) }
```

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

```
.background{ background-color: rgb(145,  
180, 146) }
```

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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