

Converting Colors

CIELCh(71, 10.224, 145.649)

Have a look what the booklet for
CIELCh(71, 10.224, 145.649)
contains.

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Color

CIELCh(71, 10.224, 145.658)

Conversions

Conversions Part 1

Format	Color
Hex	A2B2A3
RGB	162, 178, 163
RGB Percent	64%, 70%, 64%
CMY	0.3646, 0.3018, 0.3606
CMYK	0.09, 0.00, 0.08, 0.30
HSL	124°, 9%, 67%
HSV	124°, 9%, 70%
XYZ	37.4505, 42.1875, 40.8374
YIQ	171.5060, -4.7210, -8.0570

Conversions

Conversions Part 2

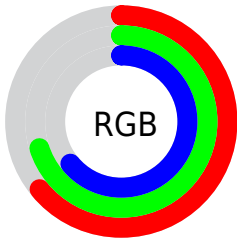
Format	Color
RYB	162, 177, 178
Decimal	10662563
CIELab	71.00, -8.44, 5.77
CIELCh	71, 10.224, 145.658
Yxy	42.1875, 0.3109, 0.3502
Android (android.graphics.Color)	4288852643 (0xFFA2B2A3)
YUV	171.5060, -4.1935, -8.3368
Hunter-Lab	64.9519, -10.7449, 8.1888

Details

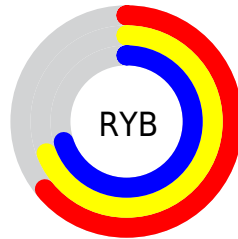
The CIELCh color $71, 10.224, 145.658$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $68, 10.245, 326.641$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $91, 10.334, 145.658$, and $51, 10.212, 145.599$ is the 20% darker color. If you saturate the color by 10%, you get $69, 21.707, 144.957$, and if you desaturate by 10%, it is $73, 1.150, 326.003$.

Distribution



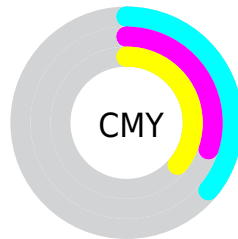
- Red (64%)
- Green (70%)
- Blue (64%)



- Red (64%)
- Yellow (69%)
- Blue (70%)



- Cyan (9%)
- Magenta (0%)
- Yellow (8%)
- Black (30%)





- Cyan (36%)
- Magenta (30%)
- Yellow (36%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 10.224, 145.658 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 71, 10.224, 145.658 by changing the saturation by 10% instead.


 71, 10.224,
145.658


 71, 10.224,
145.658


 100, 10.224,
145.658


 61, 10.224,
145.658


 91, 10.224,
145.658

 51, 10.224,
145.658

 41, 10.224,
145.658

 31, 10.224,
145.658

 21, 10.224,
145.658

 11, 10.224,
145.658

 1, 10.224, 145.658

0, 10.224, 145.658

71, 10.224,
145.658

71, 10.224,
145.658

69, 21.707,
144.957

73, 1.150, 326.003

68, 33.148,
144.148

75, 12.314,
326.700

67, 44.354,
143.215

77, 23.199,
327.136

66, 55.078,
142.151

79, 33.760,
327.505

65, 65.025,
140.973

81, 43.977,
327.821

64, 73.850,
139.723

82, 48.174,
326.090

■ 64, 81.178,
138.484

■ 63, 86.644,
137.380

■ 63, 90.060,
136.589

Harmonies

Complementary

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



71, 10.224, 145.658



68, 10.245, 326.641

Rectangle

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



71, 10.224, 145.658



71, 10.224, 195.658



71, 10.224, 325.658



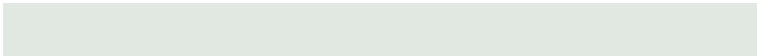
71, 10.224, 15.658

Sweetspot

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



71, 10.226, 145.658



91, 4.208, 146.066



72, 8.675, 111.359



49, 3.220, 146.004



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

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



71, 10.226, 145.658



90, 15.543, 145.511



71, 7.180, 165.722



37, 6.457, 145.636



55, 80.556, 136.648



7, 15.732, 145.761

Inverse Universe

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



68, 10.245, 326.641



86, 15.568, 326.769



68, 7.287, 347.157



35, 6.469, 326.661



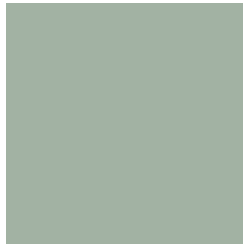
36, 75.204, 330.846



3, 15.243, 327.091

Previews

White Background



This preview shows how the CIELCh color 71, 10.224, 145.658 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 71, 10.224, 145.658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

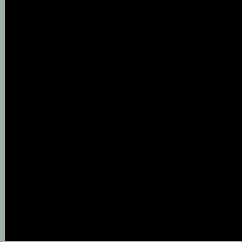
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

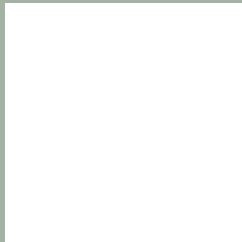
If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 71, 10.224, 145.658

Background



This preview shows how black text looks on a background with the CIELCh color 71, 10.224, 145.658.



This preview shows how white text looks on a background with the CIELCh color 71, 10.224, 145.658.

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
71, 10.224, 145.658

Protanopia
71, 7.564, 88.364

Deuteranopia
71, 9.874, 29.657



Tritanopia
71, 8.110, 270.218

Trichromacy



Original Color
71, 10.224, 145.658

Protanomaly
71, 7.653, 115.190

Deuteranomaly
71, 5.807, 68.005

Tritanomaly
71, 4.228, 230.420

Monochromacy



Original Color
71, 10.224, 145.658

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 3.559, 149.260

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 10.224, 145.658 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, 178, 163)` looks like.

```
.text, #text, p{  
    color:rgb(162, 178, 163)  
}
```

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, 178, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 178, 163) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 10.224, 145.658 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, 178, 163) }
```

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

```
.border{ border-color:rgb(162, 178, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 178, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 178, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 178, 163);  
box-shadow:4px 4px 4px 4px rgb(162, 178,  
163) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 10.224, 145.658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 178, 163) }
```

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

```
.background{ background-color: rgb(162,  
178, 163) }
```

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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