

Converting Colors

CIELCh(70, 27.663, 162.185)

Have a look what the booklet for
CIELCh(70, 27.663, 162.185)
contains.

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Color

CIELCh(70, 27.640, 162.205)

Conversions

Conversions Part 1

Format	Color
Hex	7AB89B
RGB	122, 184, 155
RGB Percent	48%, 72%, 61%
CMY	0.5218, 0.2787, 0.3924
CMYK	0.34, 0.00, 0.16, 0.28
HSL	152°, 30%, 60%
HSV	152°, 34%, 72%
XYZ	31.0536, 40.7494, 37.2100
YIQ	162.1560, -27.6430, -22.1630

Conversions

Conversions Part 2

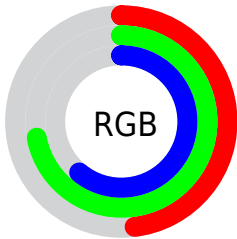
Format	Color
RYB	122, 162, 184
Decimal	8042651
CIELab	70.00, -26.32, 8.45
CIElCh	70, 27.640, 162.205
Yxy	40.7494, 0.2849, 0.3738
Android (android.graphics.Color)	4286232731 (0xFF7AB89B)
YUV	162.1560, -3.5279, -35.2168
Hunter-Lab	63.8353, -24.8778, 10.1242

Details

The CIELCh color **70, 27.640, 162.205** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **58, 29.000, 348.727**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 27.668, 162.032**, and **50, 27.872, 162.177** is the 20% darker color. If you saturate the color by 10%, you get **69, 35.350, 160.989**, and if you desaturate by 10%, it is **71, 19.608, 163.290**.

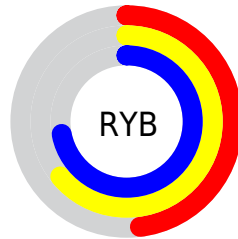
Distribution



Red (48%)

Green (72%)

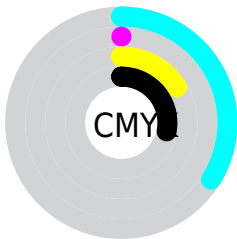
Blue (61%)



Red (48%)

Yellow (64%)

Blue (72%)

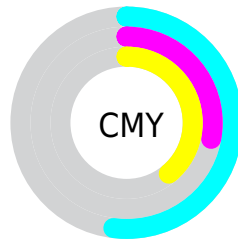


Cyan (34%)

Magenta (0%)

Yellow (16%)

Black (28%)



Cyan (52%)


Magenta (28%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 27.640, 162.205 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, 27.640, 162.205 by changing the saturation by 10% instead.


 70, 27.640,
162.205


 70, 27.640,
162.205


 100, 27.640,
162.205


 60, 27.640,
162.205


 90, 27.640,
162.205

 50, 27.640,
162.205

 40, 27.640,
162.205

 30, 27.640,
162.205

 20, 27.640,
162.205

 10, 27.640,
162.205

 0, 27.640, 162.205

70, 27.640,
162.205

70, 27.640,
162.205

69, 35.350,
160.989

71, 19.608,
163.290

68, 42.596,
159.620

73, 11.381,
164.275

67, 49.248,
158.072

74, 3.075, 165.247

67, 55.197,
156.326

76, 5.218, 345.846

66, 60.381,
154.369

78, 13.425,
346.630

66, 64.807,
152.212

80, 21.491,
347.324

66, 67.330,
150.833

82, 29.379,
347.967

82, 33.026,
342.942

■ 83, 35.798,
337.113

Harmonies

Complementary

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



70, 27.640, 162.205



58, 29.000, 348.727

Rectangle

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



70, 27.640, 162.205



70, 27.640, 212.205



70, 27.640, 342.205



70, 27.640, 32.205

Sweetspot

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



70, 27.641, 162.204



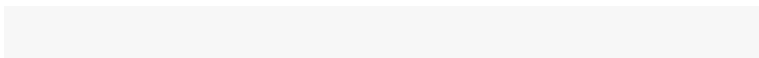
93, 10.299, 164.608



71, 35.625, 128.100



49, 7.022, 164.477



97, 0.011, 296.813



50, 0.007, 296.813

Same Dimension

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



70, 27.641, 162.204



88, 40.310, 161.373



70, 20.413, 199.409



38, 4.698, 164.686



56, 59.106, 151.157



8, 14.131, 159.005

Inverse Universe

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



58, 29.000, 348.727



71, 42.658, 349.616



58, 25.783, 23.538



36, 4.766, 346.172



33, 58.411, 4.421



3, 11.997, 352.632

Previews

White Background



This preview shows how the CIELCh color 70, 27.640, 162.205 looks on a white background.

Color Contrast Check

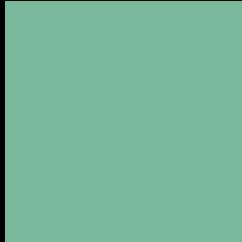
Large Text (above 18pt) WCAG AA × Fail

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, 27.640, 162.205 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

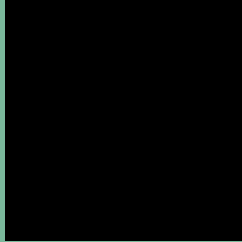
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 27.640, 162.205

Background



This preview shows how black text looks on a background with the CIELCh color 70, 27.640, 162.205.

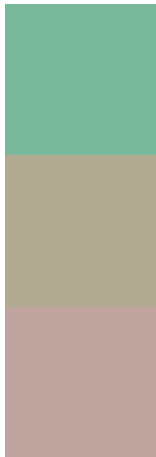


This preview shows how white text looks on a background with the CIELCh color 70, 27.640, 162.205.

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

70, 27.640, 162.205

Protanopia

70, 12.515, 92.297

Deuteranopia

70, 10.988, 34.578



Tritanopia
70, 17.725, 224.067

Trichromacy



Original Color
70, 27.640, 162.205

Protanomaly
70, 14.696, 135.410

Deuteranomaly
69, 7.375, 124.577

Tritanomaly
70, 18.600, 194.523

Monochromacy



Original Color
70, 27.640, 162.205

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 10.616, 163.719

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 27.640, 162.205 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(122, 184, 155)` looks like.

```
.text, #text, p{  
    color:rgb(122, 184, 155)  
}
```

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(122, 184, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 184, 155) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 27.640, 162.205 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(122, 184, 155) }
```

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

```
.border{ border-color:rgb(122, 184, 155) }
```

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

Here you see how a box with a 4 pixel rgb(122, 184, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 184, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 184, 155);  
box-shadow:4px 4px 4px 4px rgb(122, 184,  
155) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 27.640, 162.205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 184, 155) }
```

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

```
.background{ background-color: rgb(122,  
184, 155) }
```

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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