

Converting Colors

CIELCh(70, 26.962, 163.990)

Have a look what the booklet for
CIELCh(70, 26.962, 163.990)
contains.

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Color

CIELCh(70, 26.940, 164.010)

Conversions

Conversions Part 1

Format	Color
Hex	7AB89D
RGB	122, 184, 157
RGB Percent	48%, 72%, 62%
CMY	0.5223, 0.2792, 0.3851
CMYK	0.34, 0.00, 0.15, 0.28
HSL	154°, 30%, 60%
HSV	154°, 34%, 72%
XYZ	31.1673, 40.7494, 38.0351
YIQ	162.3840, -28.2850, -21.5410

Conversions

Conversions Part 2

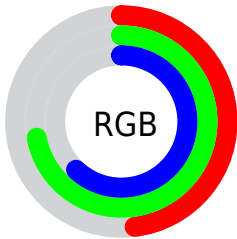
Format	Color
R _{YB}	122, 162, 184
Decimal	8042653
CIE Lab	70.00, -25.90, 7.42
CIE LCh	70, 26.940, 164.010
Yxy	40.7494, 0.2835, 0.3706
Android (android.graphics.Color)	4286232733 (0xFF7AB89D)
YUV	162.3840, -2.6543, -35.4168
Hunter-Lab	63.8353, -24.5597, 9.3578

Details

The CIELCh color **70, 26.940, 164.010** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **58, 28.497, 350.706**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 26.686, 164.629**, and **50, 27.112, 164.079** is the 20% darker color. If you saturate the color by 10%, you get **69, 34.403, 162.786**, and if you desaturate by 10%, it is **71, 19.141, 165.107**.

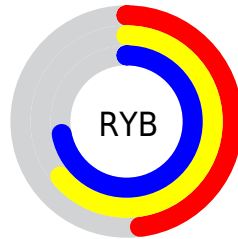
Distribution



Red (48%)

Green (72%)

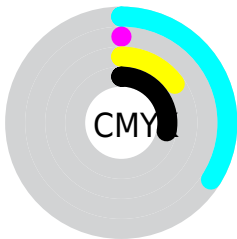
Blue (62%)



Red (48%)

Yellow (64%)

Blue (72%)

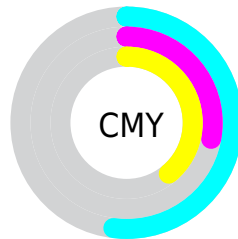


Cyan (34%)

Magenta (0%)

Yellow (15%)

Black (28%)



Cyan (52%)


Magenta (28%)


Yellow (39%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 26.940, 164.010 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, 26.940, 164.010 by changing the saturation by 10% instead.


 70, 26.940,
164.010


 70, 26.940,
164.010


 100, 26.940,
164.010


 60, 26.940,
164.010


 90, 26.940,
164.010

 50, 26.940,
164.010

 40, 26.940,
164.010

 30, 26.940,
164.010

 20, 26.940,
164.010

 10, 26.940,
164.010

 0, 26.940, 164.010

70, 26.940,
164.010

70, 26.940,
164.010

69, 34.403,
162.786

71, 19.141,
165.107

68, 41.391,
161.414

73, 11.131,
166.107

67, 47.780,
159.868

74, 3.023, 167.101

67, 53.466,
158.126

76, 5.090, 347.711

66, 58.394,
156.174

78, 13.133,
348.520

66, 62.575,
154.019

79, 21.052,
349.239

66, 64.947,
152.643

82, 28.808,
349.907

82, 32.258,
345.115

■ 82, 34.696,
339.351

Harmonies

Complementary

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



70, 26.940, 164.010



58, 28.497, 350.706

Rectangle

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



70, 26.940, 164.010



70, 26.940, 214.010



70, 26.940, 344.010



70, 26.940, 34.010

Sweetspot

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



70, 26.941, 164.009



93, 10.067, 166.448



71, 35.944, 129.260



49, 6.863, 166.315



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, 26.941, 164.009



88, 39.252, 163.175



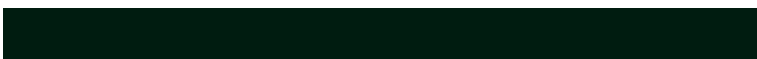
70, 19.736, 202.845



38, 4.593, 166.528



56, 57.058, 152.966



8, 13.817, 160.517

Inverse Universe

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



58, 28.497, 350.706



71, 41.960, 351.638



58, 25.032, 26.046



36, 4.668, 348.048



33, 58.368, 7.506



2, 11.807, 354.451

Previews

White Background



This preview shows how the CIELCh color 70, 26.940, 164.010 looks on a white background.

Color Contrast Check

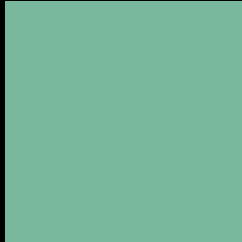
Large Text (above 18pt) WCAG AA × Fail

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 70, 26.940, 164.010 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, 26.940, 164.010

Background



This preview shows how black text looks on a background with the CIELCh color 70, 26.940, 164.010.



This preview shows how white text looks on a background with the CIELCh color 70, 26.940, 164.010.

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, 26.940, 164.010

Protanopia

70, 11.352, 92.835

Deuteranopia

70, 10.040, 32.694



Tritanopia
70, 17.725, 224.067

Trichromacy



Original Color
70, 26.940, 164.010

Protanomaly
70, 14.209, 136.388

Deuteranomaly
69, 7.614, 130.098

Tritanomaly
70, 18.509, 196.228

Monochromacy



Original Color
70, 26.940, 164.010

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 10.289, 166.172

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 26.940, 164.010 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, 157)` looks like.

```
.text, #text, p{  
    color:rgb(122, 184, 157)  
}
```

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, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 184, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 26.940, 164.010 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, 157) }
```

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

```
.border{ border-color:rgb(122, 184, 157) }
```

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, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 184, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 184, 157);  
box-shadow:4px 4px 4px 4px rgb(122, 184,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 26.940, 164.010 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, 157) }
```

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

```
.background{ background-color: rgb(122,  
184, 157) }
```

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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