

Converting Colors

CIELCh(70, 23.031, 161.154)

Have a look what the booklet for
CIELCh(70, 23.031, 161.154)
contains.

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Color

CIELCh(70, 23.038, 161.170)

Conversions

Conversions Part 1

Format	Color
Hex	84B69D
RGB	132, 182, 157
RGB Percent	52%, 71%, 62%
CMY	0.4827, 0.2866, 0.3846
CMYK	0.27, 0.00, 0.14, 0.29
HSL	150°, 25%, 62%
HSV	150°, 27%, 71%
XYZ	32.2904, 40.7494, 38.0232
YIQ	164.2000, -21.7750, -18.3750

Conversions

Conversions Part 2

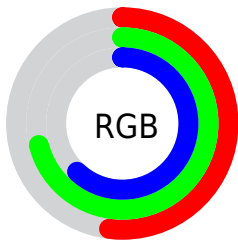
Format	Color
RYB	132, 165, 182
Decimal	8697501
CIELab	70.00, -21.81, 7.44
CIELCh	70, 23.038, 161.170
Yxy	40.7494, 0.2907, 0.3669
Android (android.graphics.Color)	4286887581 (0xFF84B69D)
YUV	164.2000, -3.5496, -28.2394
Hunter-Lab	63.8353, -21.4193, 9.3688

Details

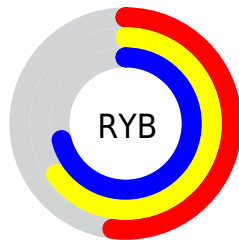
The CIELCh color **70, 23.038, 161.170** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **61, 23.829, 346.136**, and the grayscale version is **67, 0.008, 296.813**.

A 20% lighter version of the original color is **90, 22.852, 161.709**, and **50, 22.984, 161.306** is the 20% darker color. If you saturate the color by 10%, you get **69, 31.131, 160.050**, and if you desaturate by 10%, it is **71, 14.723, 162.171**.

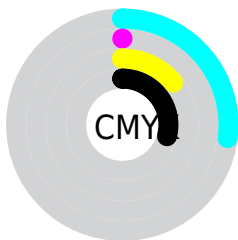
Distribution



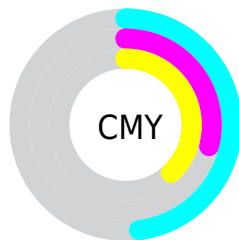
- Red (52%)
- Green (71%)
- Blue (62%)



- Red (52%)
- Yellow (65%)
- Blue (71%)



- Cyan (27%)
- Magenta (0%)
- Yellow (14%)
- Black (29%)





- Cyan (48%)
- Magenta (29%)
- Yellow (38%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 70, 23.038, 161.170 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, 23.038, 161.170 by changing the saturation by 10% instead.


 70, 23.038,
161.170


 70, 23.038,
161.170


 100, 23.038,
161.170


 60, 23.038,
161.170


 90, 23.038,
161.170

 50, 23.038,
161.170

 40, 23.038,
161.170

 30, 23.038,
161.170

 20, 23.038,
161.170

 10, 23.038,
161.170

 0, 23.038, 161.170

70, 23.038,
161.170

70, 23.038,
161.170

69, 31.131,
160.050

71, 14.723,
162.171

68, 38.862,
158.790

73, 6.303, 163.098

67, 46.091,
157.364

74, 2.120, 343.667

66, 52.687,
155.748

76, 10.465,
344.546

66, 58.554,
153.927

78, 18.674,
345.240

65, 63.644,
151.897

80, 26.704,
345.874


65, 68.013,
149.705

82, 33.306,
344.701

65, 69.062,

82, 36.123,
338.437

149.172

 82, 39.341,
333.209

Harmonies

Complementary

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



70, 23.038, 161.170



61, 23.829, 346.136

Rectangle

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



70, 23.038, 161.170



70, 23.038, 211.170



70, 23.038, 341.170



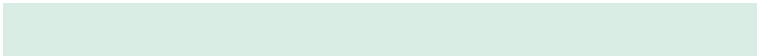
70, 23.038, 31.170

Sweetspot

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



70, 23.039, 161.169



92, 8.357, 163.038



71, 28.733, 127.810



49, 5.989, 162.899



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, 23.039, 161.169



88, 34.142, 160.505



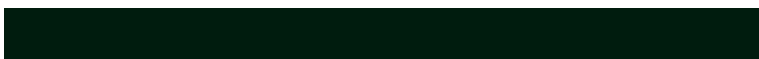
71, 17.202, 198.052



38, 4.808, 162.927



56, 61.142, 149.475



8, 14.440, 157.622

Inverse Universe

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



61, 23.829, 346.136



74, 35.554, 346.808



60, 20.675, 21.580



36, 4.869, 344.376



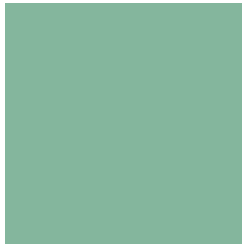
33, 58.650, 1.380



3, 12.208, 350.790

Previews

White Background



This preview shows how the CIELCh color 70, 23.038, 161.170 looks on a white background.

Color Contrast Check

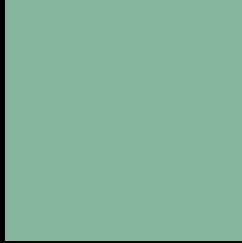
Large Text (above 18pt) WCAG AA × Fail

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, 23.038, 161.170 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

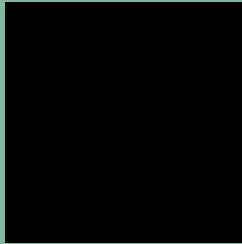
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 70, 23.038, 161.170

Background



This preview shows how black text looks on a background with the CIELCh color 70, 23.038, 161.170.



This preview shows how white text looks on a background with the CIELCh color 70, 23.038, 161.170.

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, 23.038, 161.170

Protanopia
70, 10.828, 92.117

Deuteranopia
70, 10.432, 32.248



Tritanopia
70, 14.793, 229.939

Trichromacy



Original Color
70, 23.038, 161.170

Protanomaly
70, 12.548, 132.619

Deuteranomaly
70, 6.018, 113.230

Tritanomaly
70, 15.023, 198.213

Monochromacy



Original Color
70, 23.038, 161.170

Achromatopsia
67, 0.008, 296.813

Achromatomaly
68, 9.074, 161.397

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 23.038, 161.170 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(132, 182, 157)` looks like.

```
.text, #text, p{  
    color:rgb(132, 182, 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(132, 182, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 182, 157) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 23.038, 161.170 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(132, 182, 157) }
```

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

```
.border{ border-color:rgb(132, 182, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 182, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 182, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 182, 157);  
box-shadow:4px 4px 4px 4px rgb(132, 182,  
157) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 23.038, 161.170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 182, 157) }
```

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

```
.background{ background-color: rgb(132,  
182, 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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