

Converting Colors

CIELCh(71, 37.901, 164.406)

Have a look what the booklet for
CIELCh(71, 37.901, 164.406)
contains.

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Color

CIELCh(71, 37.888, 164.324)

Conversions

Conversions Part 1

Format	Color
Hex	62BF9A
RGB	98, 191, 154
RGB Percent	38%, 75%, 60%
CMY	0.6157, 0.2510, 0.3961
CMYK	0.49, 0.00, 0.19, 0.25
HSL	156°, 42%, 57%
HSV	156°, 49%, 75%
XYZ	29.4976, 42.1875, 37.1573
YIQ	158.9750, -43.5510, -31.2230

Conversions

Conversions Part 2

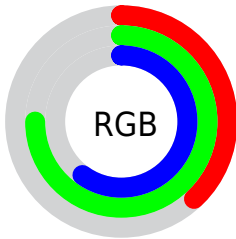
Format	Color
RYB	98, 156, 191
Decimal	6471578
CIELab	71.00, -36.48, 10.24
CIElCh	71, 37.888, 164.324
Yxy	42.1875, 0.2710, 0.3876
Android (android.graphics.Color)	4284661658 (0xFF62BF9A)
YUV	158.9750, -2.4527, -53.4751
Hunter-Lab	64.9519, -32.6010, 11.5480

Details

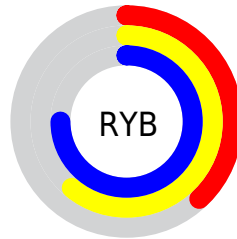
The CIELCh color **71, 37.888, 164.324** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **54, 41.603, 355.401**, and the grayscale version is **66, 0.008, 296.813**.

A 20% lighter version of the original color is **91, 38.052, 164.000**, and **51, 37.937, 164.348** is the 20% darker color. If you saturate the color by 10%, you get **70, 44.491, 162.867**, and if you desaturate by 10%, it is **72, 30.715, 165.622**.

Distribution



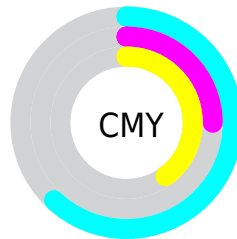
- Red (38%)
- Green (75%)
- Blue (60%)



- Red (38%)
- Yellow (61%)
- Blue (75%)



- Cyan (49%)
- Magenta (0%)
- Yellow (19%)
- Black (25%)





- Cyan (62%)
- Magenta (25%)
- Yellow (40%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 37.888, 164.324 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, 37.888, 164.324 by changing the saturation by 10% instead.


 71, 37.888,
164.324


 71, 37.888,
164.324


 100, 37.888,
164.324


 61, 37.888,
164.324


 91, 37.888,
164.324

 51, 37.888,
164.324

 41, 37.888,
164.324

 31, 37.888,
164.324

 21, 37.888,
164.324

 11, 37.888,
164.324

 1, 37.888, 164.324

■ 0, 37.888, 164.324

■ 71, 37.888,
164.324

■ 71, 37.888,
164.324

■ 70, 44.491,
162.867

■ 72, 30.715,
165.622

■ 70, 50.407,
161.230

■ 73, 23.103,
166.788

■ 69, 55.559,
159.391

■ 74, 15.188,
167.848

■ 69, 59.929,
157.342

■ 76, 7.093, 168.837

■ 68, 63.629,
155.133

■ 78, 1.074, 349.258

■ 79, 9.228, 350.425

■ 68, 64.098,
154.853

■ 81, 17.299,
351.207

■ 83, 25.240,
351.928

■ 84, 28.434,
346.484

Harmonies

Complementary

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



71, 37.888, 164.324



54, 41.603, 355.401

Rectangle

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



71, 37.888, 164.324



71, 37.888, 214.324



71, 37.888, 344.324



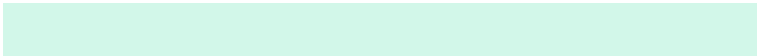
71, 37.888, 34.324

Sweetspot

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



71, 37.889, 164.323



94, 15.066, 168.195



72, 53.657, 130.220



50, 10.350, 167.982



99, 0.012, 296.813



52, 0.007, 296.813

Same Dimension

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



71, 37.889, 164.323



89, 54.203, 162.832



69, 26.122, 208.840



39, 4.579, 168.773



57, 55.365, 155.208



9, 15.410, 161.895

Inverse Universe

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



54, 41.603, 355.401



64, 60.269, 357.392



55, 37.881, 31.627



37, 4.666, 350.336



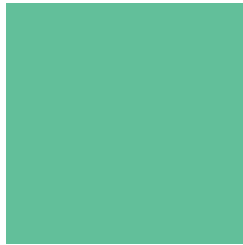
33, 59.282, 11.191



3, 13.281, 357.460

Previews

White Background



This preview shows how the CIELCh color 71, 37.888, 164.324 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 71, 37.888, 164.324 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

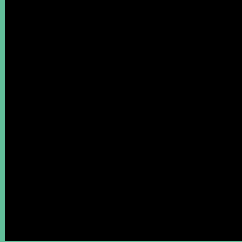
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 37.888, 164.324

Background



This preview shows how black text looks on a background with the CIELCh color 71, 37.888, 164.324.



This preview shows how white text looks on a background with the CIELCh color 71, 37.888, 164.324.

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, 37.888, 164.324

Protanopia
71, 15.220, 93.386

Deuteranopia
71, 11.538, 42.278



Tritanopia
71, 24.157, 217.761

Trichromacy



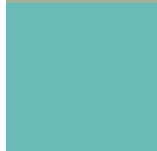
Original Color
71, 37.888, 164.324



Protanomaly
70, 20.100, 140.873



Deuteranomaly
70, 12.287, 141.031

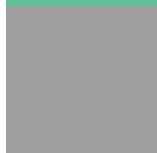


Tritanomaly
71, 26.364, 192.553

Monochromacy



Original Color
71, 37.888, 164.324



Achromatopsia
65, 0.008, 296.813



Achromatomaly
67, 14.902, 166.903

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 37.888, 164.324 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(98, 191, 154)` looks like.

```
.text, #text, p{  
    color:rgb(98, 191, 154)  
}
```

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(98, 191, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 191, 154) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 37.888, 164.324 is called "border". The border property can be set on classes, ids or directly on the HTML element.

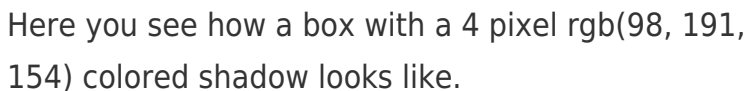
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(98, 191, 154) }
```

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

```
.border{ border-color:rgb(98, 191, 154) }
```

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



Here you see how a box with a 4 pixel `rgb(98, 191, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(98, 191, 154); -webkit-box-shadow:4px 4px 4px 4px rgb(98, 191, 154); box-shadow:4px 4px 4px 4px rgb(98, 191, 154) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 37.888, 164.324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 191, 154) }
```

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

```
.background{ background-color: rgb(98, 191,  
154) }
```

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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