

Converting Colors

CIELCh(71, 20.416, 232.728)

Have a look what the booklet for
CIELCh(71, 20.416, 232.728)
contains.

CIELCh(71, 20.417, 232.704)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	21
<i>Color Blindness Simulation</i>	24
<i>CSS Examples</i>	27

Color

CIELCh(71, 20.417, 232.704)

Conversions

Conversions Part 1

Format	Color
Hex	80B6CB
RGB	128, 182, 203
RGB Percent	50%, 71%, 80%
CMY	0.4993, 0.2875, 0.2052
CMYK	0.37, 0.10, 0.00, 0.21
HSL	197°, 42%, 65%
HSV	197°, 37%, 79%
XYZ	36.2589, 42.1875, 62.5306
YIQ	168.2480, -38.9250, -4.9170

Conversions

Conversions Part 2

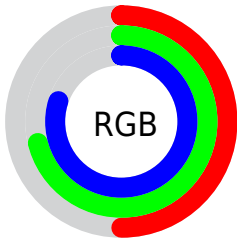
Format	Color
RYB	128, 159, 203
Decimal	8435403
CIELab	71.00, -12.37, -16.24
CIELCh	71, 20.417, 232.704
Yxy	42.1875, 0.2572, 0.2993
Android (android.graphics.Color)	4286625483 (0xFF80B6CB)
YUV	168.2480, 17.1327, -35.2975
Hunter-Lab	64.9519, -14.0195, -11.6134

Details

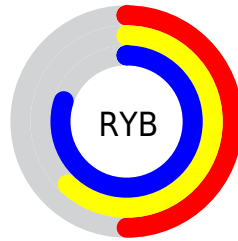
The CIELCh color **71, 20.417, 232.704** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **66, 25.921, 47.371**, and the grayscale version is **69, 0.009, 296.813**.

A 20% lighter version of the original color is **91, 19.417, 225.587**, and **51, 20.362, 233.225** is the 20% darker color. If you saturate the color by 10%, you get **68, 24.960, 234.387**, and if you desaturate by 10%, it is **74, 15.391, 231.386**.

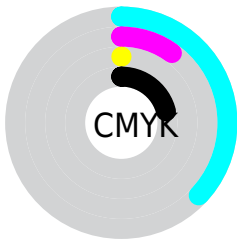
Distribution



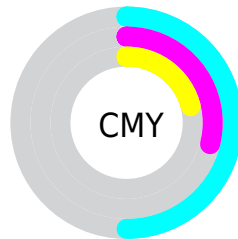
- Red (50%)
- Green (71%)
- Blue (80%)



- Red (50%)
- Yellow (62%)
- Blue (80%)



- Cyan (37%)
- Magenta (10%)
- Yellow (0%)
- Black (21%)





- Cyan (50%)
- Magenta (29%)
- Yellow (21%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 71, 20.417, 232.704 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, 20.417, 232.704 by changing the saturation by 10% instead.


 71, 20.417,
232.704


 71, 20.417,
232.704


 100, 20.417,
232.704


 61, 20.417,
232.704


 91, 20.417,
232.704

 51, 20.417,
232.704

 41, 20.417,
232.704

 31, 20.417,
232.704

 21, 20.417,
232.704

 11, 20.417,
232.704

 1, 20.417, 232.704

0, 20.417, 232.704

71, 20.417,
232.704

71, 20.417,
232.704

68, 24.960,
234.387

74, 15.391,
231.386

66, 28.957,
236.528

77, 9.960, 230.373

64, 32.368,
239.215

79, 4.197, 229.646

82, 1.827, 48.620

61, 35.198,
242.536

86, 8.052, 48.365

59, 37.516,
246.545

89, 14.425, 48.031

91, 16.063, 56.913

57, 39.477,
251.203

92, 16.485, 69.216

■ 57, 40.067,
252.622

■ 93, 17.619, 80.369

Harmonies

Complementary

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



71, 20.417, 232.704



66, 25.921, 47.371

Rectangle

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



71, 20.417, 232.704



71, 20.417, 282.704



71, 20.417, 52.704



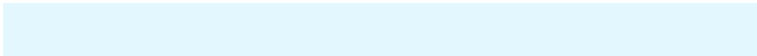
71, 20.417, 102.704

Sweetspot

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



71, 20.416, 232.701



96, 7.874, 229.907



76, 40.385, 149.887



51, 5.274, 230.008



0, 0.000, 0.000



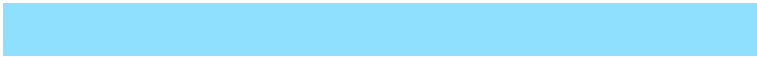
53, 0.007, 296.813

Same Dimension

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



71, 20.416, 232.701



85, 28.431, 233.943



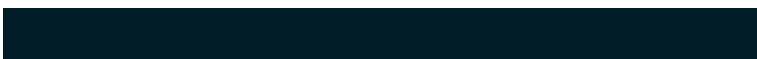
61, 32.626, 283.990



41, 3.401, 229.788



47, 34.311, 251.838



9, 11.940, 240.478

Inverse Universe

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



63, 40.353, 336.150



74, 57.328, 336.781



75, 31.523, 93.850



40, 6.197, 334.081



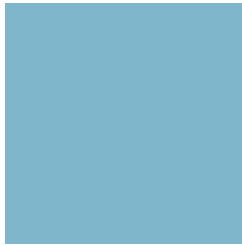
37, 67.845, 343.271



5, 23.100, 339.592

Previews

White Background



This preview shows how the CIELCh color 71, 20.417, 232.704 looks on a white background.

Color Contrast Check

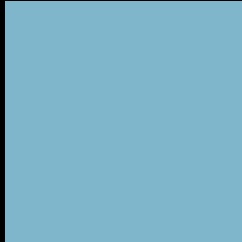
Large Text (above 18pt) WCAG AA × Fail

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, 20.417, 232.704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

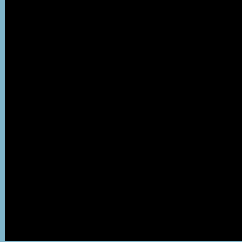
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

CIELCh 71, 20.417, 232.704

Background



This preview shows how black text looks on a background with the CIELCh color 71, 20.417, 232.704.



This preview shows how white text looks on a background with the CIELCh color 71, 20.417, 232.704.

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





Tritanopia
71, 19.812, 220.960

Trichromacy



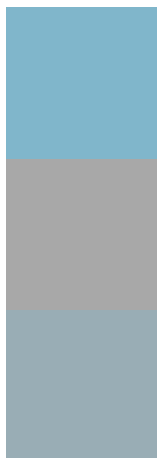
Original Color
71, 20.417, 232.704

Protanomaly
71, 13.986, 258.662

Deuteranomaly
71, 17.210, 272.192

Tritanomaly
71, 19.864, 224.428

Monochromacy



Original Color
71, 20.417, 232.704

Achromatopsia
69, 0.009, 296.813

Achromatomaly
69, 8.295, 230.987

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 71, 20.417, 232.704 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(128, 182, 203)` looks like.

```
.text, #text, p{  
    color:rgb(128, 182, 203)  
}
```

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(128, 182, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 182, 203) }
```

Border

The CSS property to change the border of an element to CIELCh 71, 20.417, 232.704 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(128, 182, 203) }
```

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

```
.border{ border-color:rgb(128, 182, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 182, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 182, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 182, 203);  
box-shadow:4px 4px 4px 4px rgb(128, 182,  
203) }
```

Background

The CSS property to change the background color of an element to CIELCh 71, 20.417, 232.704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 182, 203) }
```

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

```
.background{ background-color: rgb(128,  
182, 203) }
```

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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